



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **71****Complete if Known**

Application Number	10/551,873
Filing or 371(c) Date	9/30/2005
First Named Inventor	Joseph E. Zarb
Art Unit	1794
Examiner Name	Robinson, Lauren E.
Attorney Docket Number	131279.1050

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)			

	US-RE35,460	02-25-1997	Klungness et al.	
	US-D322,678	12-24-1991	Brathwaite et al.	
	US-D339,642	09-21-1993	Blazley et al.	
	US-0,369,216	08-30-1887	Temple	
	US-D388,884	01-06-1998	Karnoski	
	US-D489,137	04-27-2004	Eichner et al.	
	US-D489,463	05-04-2004	Barnett	
	US-D492,424	06-29-2004	Barnett	
	US-0,494,763	04-04-1893	Smidth	
	US-0,525,442	09-04-1894	Burrows	
	US-0,575,074	01-12-1897	Smith	
	US-0,774,114	11-01-1904	Spear	
	US-0,815,801	03-20-1906	Depew et al.	
	US-1,399,023	12-06-1921	Murray	
	US-1,510,497	10-07-1924	Keller	
	US-1,512,084	10-21-1924	Church	
	US-1,571,048-A	01-26-1926	Garrow	
	US-1,630,801	05-31-1927	Parsons	
	US-1,634,809	07-05-1927	Weiss	
	US-1,698,557	01-08-1929	O'Brien	
	US-1,819,093	08-18-1931	Hardinge	
	US-1,856,932	05-03-1932	Shaw	
	US-1,856,936	05-03-1932	Turner	
	US-1,871,843	08-16-1932	Ericson	
	US-1,914,163	06-1933	Randall	
	US-1,930,024	10-10-1933	Varden	
	US-1,943,663	01-16-1934	Ericson	
	US-1,959,519	05-22-1934	Black	
	US-1,976,984	10-16-1934	Condon et al.	
	US-1,978,519	10-30-1934	Willock et al.	
	US-1,995,393	03-26-1935	Manske	
	US-1,997,939	04-16-1935	Loucks	
	US-2,009,619	07-30-1935	Huffine	
	US-2,024,689	12-1935	Walter et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	2	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-2,030,383	02-11-1936	Luth et al.	
	US-2,054,854	09-22-1936	Dreyfus	
	US-2,062,149	11-24-1936	Stark et al.	
	US-2,156,308-A	05-1939	Schuh	
	US-2,156,311-A	05-1939	Schuh	
	US-2,175,568-A	10-10-1939	Haustein	
	US-2,175,569-A	10-10-1939	Kennedy	
	US-2,176,668-A	10-17-1939	Egeberg et al.	
	US-2,182,372	12-05-1939	Cox et al.	
	US-2,224,351	12-10-1940	Kaye	
	US-2,253,753	08-26-1941	Black	
	US-2,276,170	03-10-1942	Elmendorf	
	US-2,317,634	04-27-1943	Olsen	
	US-2,323,230	06-29-1943	McAvoy	
	US-2,324,325	07-13-1943	Schuh	
	US-2,354,639	07-25-1944	Seymour	
	US-2,377,484-A	06-05-1945	Elmendorf	
	US-2,400,357	05-14-1946	Krajci	
	US-2,413,794	01-07-1947	Small	
	US-2,447,275	08-17-1948	Price	
	US-2,511,083	06-13-1950	Small	
	US-2,517,122	08-01-1950	Lockwood	
	US-2,619,776	12-02-1952	Potters	
	US-2,624,298	01-06-1953	Farren	
	US-2,645,576	07-14-1953	Bate et al.	
	US-2,676,892-A	04-27-1954	McLaughlin	
	US-2,694,025	11-09-1954	Slayter et al.	
	US-2,724,872	11-29-1955	Herbes	
	US-2,746,735	05-22-1956	Bradford	
	US-2,762,619	09-11-1956	Booth	
	US-2,782,018	02-19-1957	Bradford	
	US-2,782,463	02-26-1957	Bergvall et al.	
	US-2,797,201-A	06-25-1957	Veatch	
	US-2,838,881	06-17-1958	Plumat	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	3	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-2,879,171	03-24-1959	Kullenberg	
	US-2,880,101	03-1959	Torsten Ulfstedt	
	US-2,928,143	03-15-1960	Newton	
	US-2,945,326	07-19-1960	Wood	
	US-2,947,115	08-02-1960	Wood	
	US-2,978,339	04-04-1961	Veatch et al.	
	US-2,978,340-A	04-04-1961	Veatch et al.	
	US-2,987,408-A	06-06-1961	Minnick	
	US-2,997,403	08-22-1961	Searight	
	US-3,010,177	11-28-1961	Thompson et al.	
	US-3,046,700	07-31-1962	Davenport	
	US-3,047,985	08-07-1962	Murphy	
	US-3,081,179	03-12-1963	Charvat et al.	
	US-3,150,947	09-29-1964	Bland	
	US-3,173,229	03-16-1965	Weber	
	US-3,181,662	05-04-1965	Maertzig Jr.	
	US-3,214,876	11-02-1965	Mattes	
	US-3,215,505	11-02-1965	Schmalfeld et al.	
	US-3,235,039	02-15-1966	O'Donnell	
	US-3,236,932	02-22-1966	Grigas et al.	
	US-3,256,105-A	06-14-1966	Alford	
	US-3,264,125-A	08-02-1966	Bourlin	
	US-3,274,743	09-1966	Blum Jr.	
	US-3,279,905	10-18-1966	Wood et al.	
	US-3,284,980	11-15-1966	Dinkel	
	US-3,293,014	12-20-1966	Callender et al.	
	US-3,297,411	01-10-1967	W. N. Dear	
	US-3,321,414	05-23-1967	Vieli	
	US-3,333,379	08-01-1967	Harris	
	US-3,341,314	09-12-1967	Vukasovich et al.	
	US-3,348,956	10-24-1967	Ekdahl	
	US-3,360,392-A	12-26-1967	Mod et al.	
	US-3,365,315-A	01-23-1968	Beck et al.	
	US-3,408,786	11-05-1968	Snyker	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind's Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	4	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-3,415,019	12-10-1968	Andersen	
	US-3,416,275	12-17-1968	Van Loghem et al.	
	US-3,421,281	01-14-1969	Harris	
	US-3,481,093	12-02-1969	Davidson	
	US-3,495,961	02-17-1970	Lange	
	US-3,501,324-A	03-17-1970	Kubo	
	US-3,527,004	09-08-1970	Sorenson	
	US-3,560,185	02-02-1971	Nylander	
	US-3,560,186	02-02-1971	Nylander	
	US-3,574,113	04-06-1971	Shannon	
	US-3,582,377	06-01-1971	Hays et al.	
	US-3,606,720	09-21-1971	Cookson	
	US-3,625,808	12-07-1971	Martin	
	US-3,634,567	01-11-1972	Yang	
	US-3,635,742	01-18-1972	Fujimasu et al.	
	US-3,660,955	05-09-1972	Simon et al.	
	US-3,663,341	05-16-1972	Veneziale, Jr.	
	US-3,663,353	05-16-1972	Long et al.	
	US-3,679,446-A	07-25-1972	Kubo	
	US-3,703,795	11-28-1972	Mattes	
	US-3,708,943	01-09-1973	Thomas et al.	
	US-3,729,368	04-24-1973	Ingham et al.	
	US-3,736,162	05-29-1973	Chvalovsky et al.	
	US-3,748,100-A	07-24-1973	Forseth	
	US-3,748,160-A	07-24-1973	Carbajal	
	US-3,752,685-A	08-14-1973	Honda et al.	
	US-3,753,749-A	08-21-1973	Nutt	
	US-3,754,365	08-28-1973	Carrick et al.	
	US-3,780,483	12-25-1973	Mattes	
	US-3,782,985	01-01-1974	Gebhardt	
	US-3,797,179	03-19-1974	Jackson	
	US-3,797,190	03-19-1974	Widdowson	
	US-3,804,058	04-16-1974	Messenger	
	US-3,818,668	06-25-1974	Charniga	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	5	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-3,835,604	09-17-1974	Hoffmann, Jr.	
	US-3,836,412-A	09-17-1974	Boustany et al.	
	US-3,838,998-A	10-01-1974	Matthews et al.	
	US-3,843,380-A	10-22-1974	Beyn	
	US-3,847,633	11-12-1974	Race	
	US-3,865,779-A	02-11-1975	Oya et al.	
	US-3,866,378	02-18-1975	Kessler	
	US-3,869,295	03-04-1975	Bowles et al.	
	US-3,873,025-A	03-25-1975	Qvarnstrom et al.	
	US-3,873,475-A	03-1975	Pechacek et al.	
	US-3,877,918	04-15-1975	Cerbo	
	US-3,887,386	06-03-1975	Majumdar et al.	
	US-3,888,617	06-10-1975	Barnett	
	US-3,888,957-A	06-10-1975	Netting	
	US-3,902,911	09-02-1975	Messenger	
	US-3,904,377-A	09-09-1975	Honda et al.	
	US-3,904,424	09-09-1975	Aoki et al.	
	US-3,909,283-A	09-30-1975	Warnke	
	US-3,918,981-A	11-11-1975	Long	
	US-3,921,346	11-25-1975	Sauer et al.	
	US-3,924,901	12-09-1975	Phillips	
	US-3,928,701	12-23-1975	Roehner	
	US-3,931,069-A	01-06-1976	Lundin	
	US-3,932,275-A	01-13-1976	Mewes et al.	
	US-3,935,364	01-27-1976	Proksch et al.	
	US-3,954,390	05-04-1976	Akhundov et al.	
	US-3,969,567-A	07-13-1976	Occleshaw et al.	
	US-3,974,024	08-10-1976	Yano et al.	
	US-3,986,312	10-19-1976	Calhoun et al.	
	US-3,992,845	11-23-1976	Grzesiek et al.	
	US-3,998,651	12-21-1976	Baudouin et al.	
	US-3,998,944-A	12-21-1976	Long	
	US-4,002,482	01-11-1977	Coenen et al.	
	US-4,003,752-A	01-18-1977	Isohata et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	6	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)				

	US-4,009,135	02-22-1977	Harreus et al.	
	US-4,010,587	03-08-1977	Larsen	
	US-4,010,589	03-08-1977	Gross et al.	
	US-4,013,480-A	03-22-1977	Chumbley et al.	
	US-4,015,392	04-05-1977	Eaton	
	US-4,028,859	06-14-1977	Bellagamba et al.	
	US-4,034,528	07-12-1977	Sanders et al.	
	US-4,040,851	08-09-1977	Ziegler	
	US-4,046,548	09-06-1977	Wood et al.	
	US-4,047,355	09-13-1977	Knorr	
	US-4,052,220-A	10-04-1977	Turpin, Jr.	
	US-4,052,829	10-11-1977	Chapman	
	US-4,057,908	11-15-1977	Mirliss et al.	
	US-4,058,944	11-22-1977	Rieger et al.	
	US-4,059,423-A	11-22-1977	De Vos et al.	
	US-4,063,393	12-20-1977	Toti	
	US-4,065,899	01-03-1978	Kirkhuff	
	US-4,066,723-A	01-03-1978	King et al.	
	US-4,070,199-A	01-24-1978	Downing et al.	
	US-4,070,843	01-31-1978	Leggiere et al.	
	US-4,076,884	02-28-1978	Riley et al.	
	US-4,079,562	03-21-1978	Englert et al.	
	US-4,088,804-A	05-09-1978	Cornwell et al.	
	US-4,098,701-A	07-04-1978	Burrill et al.	
	US-4,101,335	07-18-1972	Barrable et al.	
	US-4,102,106	07-25-1978	Golder et al.	
	US-4,102,697-A	07-25-1978	Fukuba et al.	
	US-4,102,773	07-25-1978	Green et al.	
	US-4,104,103	08-01-1978	Tarullo	
	US-4,104,840	08-08-1978	Heintz et al.	
	US-4,110,507	08-29-1978	Colledge	
	US-4,111,713-A	09-1978	Beck	
	US-4,112,647	09-12-1978	Scheid	
	US-4,118,236	10-03-1978	Ersikine et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	7	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)	MM-DD-YYYY			

	US-4,128,696	12-05-1978	Goebel et al.	
	US-4,131,480-A	12-1978	McCurich et al.	
	US-4,131,638-A	12-26-1978	Whitaker et al.	
	US-4,132,555	01-02-1979	Barrable et al.	
	US-4,133,854	01-09-1979	Hendricks	
	US-4,133,928	01-09-1979	Riley et al.	
	US-4,134,773	01-16-1979	Simeonov et al.	
	US-4,138,313-A	02-06-1979	Hillstrom et al.	
	US-4,144,121	03-13-1979	Otouma et al.	
	US-4,150,517	04-24-1979	Warner, Sr.	
	US-4,152,878	05-08-1979	Balinski	
	US-4,153,439	05-08-1979	Tomic et al.	
	US-4,161,389	07-17-1979	Staffin et al.	
	US-4,162,924	07-31-1979	Kubo et al.	
	US-4,166,749	09-04-1979	Sterrett et al.	
	US-4,177,176-A	12-04-1979	Burrill et al.	
	US-4,183,188	01-15-1980	Goldsby	
	US-4,184,906	01-22-1980	Young et al.	
	US-4,187,658	02-12-1980	Reinwall, Jr.	
	US-4,188,231-A	02-12-1980	Valore	
	US-4,203,788	05-20-1980	Clear	
	US-4,204,644-A	05-27-1980	Kozuka et al.	
	US-4,205,992	06-03-1980	Mogensen et al.	
	US-4,211,525	07-08-1980	Vetter et al.	
	US-4,217,335	08-12-1980	Sasaki et al.	
	US-4,222,785	09-16-1980	Henderson	
	US-4,225,383	09-30-1980	McReynolds	
	US-4,226,841	10-07-1980	Komeya et al.	
	US-4,231,573	11-04-1980	Kelly	
	US-4,234,344-A	11-1980	Tinsley et al.	
	US-4,235,753-A	11-25-1980	Brown et al.	
	US-4,235,836-A	11-1980	Wassell et al.	
	US-4,240,840-A	12-23-1980	Downing et al.	
	US-4,243,421	01-06-1981	Kume et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	8	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-4,250,134-A	02-10-1981	Minnick	
	US-4,252,193-A	02-1981	Powers et al.	
	US-4,256,504-A	03-17-1981	Dunstan, Jr.	
	US-4,256,584-A	03-17-1981	Lord et al.	
	US-4,258,090-A	03-24-1981	Moraru	
	US-4,261,286-A	04-14-1981	Kupfer et al.	
	US-4,261,754	04-14-1981	Krenchel et al.	
	US-4,265,674-A	05-05-1981	Debus et al.	
	US-4,268,316-A	05-19-1981	Wills, Jr.	
	US-4,268,317	05-19-1981	Rayl	
	US-4,274,239	06-23-1981	Carroll	
	US-4,274,913	06-23-1981	Kikuri et al.	
	US-4,292,206-A	09-29-1981	Barnes, Jr. et al.	
	US-4,292,364	09-29-1981	Wesch et al.	
	US-4,295,907	10-20-1981	Cordts et al.	
	US-4,298,413-A	11-03-1981	Teare	
	US-4,298,647	11-03-1981	Cancio et al.	
	US-4,303,732-A	12-01-1981	Torobin	
	US-4,304,604	12-08-1981	Daerr et al.	
	US-4,305,758-A	12-1981	Powers et al.	
	US-4,306,911	12-22-1981	Gordon et al.	
	US-4,307,142-A	12-1981	Blitstein et al.	
	US-4,307,551	12-29-1981	Crandell	
	US-4,321,780	03-30-1982	Hooper et al.	
	US-4,327,528	05-04-1982	Fritz	
	US-4,328,145-A	05-04-1982	Bobrowski et al.	
	US-4,330,634	05-18-1982	Rodaway	
	US-4,332,618-A	06-1982	Ballard	
	US-4,336,338-A	06-22-1982	Downs et al.	
	US-4,337,290	06-29-1982	Kelly et al.	
	US-4,339,289-A	07-13-1982	Lankard	
	US-4,339,489	07-13-1982	Barker et al.	
	US-4,340,407	07-20-1982	Anderson et al.	
	US-4,343,127	08-10-1982	Greve et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	9	of	71		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)				

	US-4,344,804-A	08-17-1982	Bijen et al.	
	US-4,347,155	08-31-1982	Jenkins	
	US-4,350,567	09-21-1982	Moorehead et al.	
	US-4,351,867	09-28-1982	Mulvey et al.	
	US-4,357,271	11-02-1982	Rosenquist	
	US-4,361,616	11-30-1982	Bomers et al.	
	US-4,362,566	12-07-1982	Hinterwaldner et al.	
	US-4,363,878	12-14-1982	Yamamoto et al.	
	US-4,366,657	01-04-1983	Hopman	
	US-4,370,166	01-25-1983	Powers et al.	
	US-4,373,955	02-15-1983	Bouchard et al.	
	US-4,373,957	02-15-1983	Pedersen et al.	
	US-4,374,672-A	02-22-1983	Funston et al.	
	US-4,375,489	03-01-1983	Muszynski	
	US-4,377,977	03-29-1983	Wurster	
	US-4,379,553	04-12-1983	Kelly	
	US-4,379,729-A	04-12-1983	Cross et al.	
	US-4,380,564	04-19-1983	Cancio et al.	
	US-4,383,960-A	05-17-1983	Delcoigne et al.	
	US-4,388,257	06-14-1983	Oguri et al.	
	US-4,392,336	07-12-1983	Ganssle	
	US-4,394,175-A	07-19-1983	Cheriton et al.	
	US-4,394,346-A	07-19-1983	Morooka et al.	
	US-4,399,643	08-23-1983	Hafner et al.	
	US-4,403,006-A	09-06-1983	Bruce et al.	
	US-4,406,703-A	09-27-1983	Guthrie et al.	
	US-4,411,723-A	10-1983	Takeuchi	
	US-4,411,847-A	10-25-1983	Netting et al.	
	US-4,420,351	12-13-1983	Lussi et al.	
	US-4,424,261	01-03-1984	Keeling et al.	
	US-4,428,775	01-31-1984	Johnson et al.	
	US-4,429,214	01-31-1984	Brindley et al.	
	US-4,430,108-A	02-07-1984	Hojaji et al.	
	US-4,441,944	04-10-1984	Massey	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	10	of	71		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code2 (if known)			

	US-4,442,219	04-10-1984	TenEyck et al.	
	US-4,448,599-A	05-15-1984	Mackenzie et al.	
	US-4,450,022-A	05-22-1984	Galer	
	US-4,457,785-A	07-1984	Hsu et al.	
	US-4,462,730	07-31-1984	Knohl	
	US-4,462,835	07-31-1984	Car et al.	
	US-4,463,532	08-07-1984	Faw	
	US-4,465,729	08-14-1984	Cancio et al.	
	US-4,475,936-A	10-09-1984	Aston et al.	
	US-4,478,736-A	10-23-1984	Raba, Jr. et al.	
	US-4,487,620	12-11-1984	Neusy et al.	
	US-4,495,301-A	01-22-1985	Sutor	
	US-4,497,688-A	02-05-1985	Schaefer	
	US-4,498,913	02-12-1985	Tank et al.	
	US-4,501,830	02-26-1985	Miller et al.	
	US-4,502,256	03-05-1985	Hahn et al.	
	US-4,504,320	03-12-1985	Rizer et al.	
	US-4,504,335-A	03-12-1985	Galer	
	US-4,506,486	03-26-1985	Culpepper, Jr. et al.	
	US-4,507,154-A	03-26-1985	Burge et al.	
	US-4,510,020-A	04-09-1985	Green et al.	
	US-4,512,736	04-23-1985	Wader et al.	
	US-4,514,947	05-07-1985	Grail	
	US-4,517,375	05-14-1985	Schmidt et al.	
	US-4,519,777	05-28-1985	Akhtyamov et al.	
	US-4,528,307	07-09-1985	Fuhr et al.	
	US-4,538,530	09-03-1985	Whitman	
	US-4,540,629-A	09-10-1985	Sands et al.	
	US-4,543,159	09-24-1985	Johnson et al.	
	US-4,548,676-A	10-22-1985	Johnston et al.	
	US-4,553,366	11-19-1985	Guerin et al.	
	US-4,559,894	12-24-1985	Thompson	
	US-4,574,012	03-04-1986	Oguri et al.	
	US-4,586,304	05-06-1986	Flamand et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/551,873	
				Filing or 371(c) Date	9/30/2005	
				First Named Inventor	Joseph E. Zarb	
				Art Unit	1794	
				Examiner Name	Robinson, Lauren E.	
Attorney Docket Number	131279.1050					
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number-Kind Code2 (if known)					

	US-4,588,443	05-13-1986	Bache et al.	
	US-4,590,884	05-27-1986	Kreeger et al.	
	US-4,592,185	06-03-1986	Lynch et al.	
	US-4,595,662	06-17-1986	Mochida et al.	
	US-4,602,962-A	07-29-1986	Fehlmann et al.	
	US-4,621,024	11-04-1986	Wright	
	US-4,623,390-A	11-1986	Delmonico	
	US-4,624,798-A	11-1986	Gindrup et al.	
	US-4,626,398	12-02-1986	Vetter et al.	
	US-4,629,413	12-16-1986	Michelson et al.	
	US-4,637,860-A	01-20-1987	Harper et al.	
	US-4,637,990-A	01-20-1987	Torobin	
	US-4,640,715	02-03-1987	Heitzmann et al.	
	US-4,641,469	02-10-1987	Wood	
	US-4,642,137	02-10-1987	Heitzmann et al.	
	US-4,643,753	02-17-1987	Braun	
	US-4,643,920-A	02-17-1987	McEntee et al.	
	US-4,647,505-A	03-03-1987	Blackie et al.	
	US-4,647,509-A	03-03-1987	Wallace et al.	
	US-4,647,589-A	03-03-1987	Valone	
	US-4,652,433	03-24-1987	Ashworth et al.	
	US-4,652,535	03-24-1987	Mackenzie et al.	
	US-4,655,979	04-07-1987	Nakano et al.	
	US-4,657,810-A	04-1987	Douden	
	US-4,659,386-A	04-21-1987	Nagai et al.	
	US-4,659,679	04-21-1987	Falk	
	US-4,661,137-A	04-28-1987	Garnier et al.	
	US-4,661,398	04-28-1987	Ellis	
	US-4,670,079	06-02-1987	Thompson	
	US-4,673,659	06-16-1987	Wood et al.	
	US-4,677,022	06-30-1987	Dejaiffe	
	US-4,680,059	07-14-1987	Cook et al.	
	US-4,685,263	08-11-1987	Ting	
	US-4,687,752-A	08-1987	Peters	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	12	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-4,689,084	08-25-1987	Ambroise et al.	
	US-4,698,942	10-13-1987	Swartz	
	US-4,721,160-A	01-26-1988	Parcevaux et al.	
	US-4,723,505	02-09-1988	Wilson et al.	
	US-4,730,398	03-15-1988	Stanton	
	US-4,737,191	04-12-1988	Meynardi et al.	
	US-4,738,723-A	04-19-1988	Frizzell et al.	
	US-4,746,364-A	05-24-1988	Kawai et al.	
	US-4,748,771	06-07-1988	Lehnert et al.	
	US-4,749,398	06-07-1988	Braun	
	US-4,751,202	06-14-1988	Toussaint et al.	
	US-4,751,203	06-14-1988	Toussaint et al.	
	US-4,752,061	06-21-1988	Dalton et al.	
	US-4,759,802-A	07-26-1988	Ochi et al.	
	US-4,767,491-A	08-30-1988	Vittone et al.	
	US-4,767,726-A	08-30-1988	Marshall	
	US-4,769,189-A	09-06-1988	Douden	
	US-4,770,831	09-13-1988	Walker et al.	
	US-4,772,328	09-20-1988	Pfeifer	
	US-4,775,505	10-04-1988	Kuroda et al.	
	US-4,779,313	10-25-1988	Gonas	
	US-4,780,141	10-25-1988	Double et al.	
	US-4,789,604	12-06-1988	van der Hoeven et al.	
	US-4,793,861	12-27-1988	Sohm et al.	
	US-4,797,161	01-10-1989	Kirchmayr et al.	
	US-4,803,105	02-07-1989	Kretow et al.	
	US-4,806,203	02-21-1989	Elton	
	US-4,808,229	02-28-1989	Arhelger et al.	
	US-4,811,538	03-14-1989	Lehnert et al.	
	US-4,816,091	03-28-1989	Miller	
	US-4,818,289	04-04-1989	Mantymaki et al.	
	US-4,818,290	04-04-1989	Tuovinen et al.	
	US-4,818,595	04-04-1989	Ellis	
	US-4,819,289	04-11-1989	Gibbs	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/551,873	
				Filing or 371(c) Date	9/30/2005	
				First Named Inventor	Joseph E. Zarb	
				Art Unit	1794	
				Examiner Name	Robinson, Lauren E.	
Attorney Docket Number	131279.1050					
Sheet	13	of	71	<b>U.S. PATENT DOCUMENTS</b>		
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number-Kind Code2 (if known)					

	US-4,826,788-A	05-02-1989	Dennert et al.	
	US-4,827,621	05-09-1989	Borsuk	
	US-4,830,989	05-16-1989	Trivedi et al.	
	US-4,837,069-A	06-1989	Bescup et al.	
	US-4,840,672	06-20-1989	Baes et al.	
	US-4,840,688-A	06-20-1989	Vogt et al.	
	US-4,841,702	06-27-1989	Huettemann	
	US-4,842,649	06-27-1989	Heitzmann et al.	
	US-4,846,889	07-11-1989	Meyer	
	US-4,854,101	08-08-1989	Champagne	
	US-4,858,402	08-22-1989	Putz et al.	
	US-4,866,896	09-19-1989	Shreiner et al.	
	US-4,867,931	09-1989	Cochran, Jr.	
	US-4,870,788	10-03-1989	Hassan et al.	
	US-4,871,380	10-03-1989	Meyers	
	US-4,871,495-A	10-03-1989	Helferich et al.	
	US-4,876,827	10-31-1989	Williams et al.	
	US-4,882,302	11-21-1989	Horiuchi et al.	
	US-4,888,057	12-19-1989	Nguyen et al.	
	US-4,894,081	01-16-1990	Neusy et al.	
	US-4,895,598	01-23-1990	Hedberg et al.	
	US-4,904,292	02-27-1990	Neusy et al.	
	US-4,904,503-A	02-27-1990	Hilton et al.	
	US-4,906,408	03-06-1990	Bouniol et al.	
	US-4,910,047	03-20-1990	Barnett et al.	
	US-4,914,885	04-10-1990	Baker et al.	
	US-4,915,740-A	04-10-1990	Sakai et al.	
	US-4,924,644	05-15-1990	Lewis	
	US-4,927,696	05-22-1990	Berg et al.	
	US-4,928,479	05-29-1990	Shekleton et al.	
	US-4,930,287	06-05-1990	Volk et al.	
	US-4,933,013-A	06-12-1990	Sakai et al.	
	US-4,933,031-A	06-12-1990	Blomberg et al.	
	US-4,935,060	06-19-1990	Dingsoyr et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	14	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-4,937,210-A	06-26-1990	Jones et al.	
	US-4,937,993	07-03-1990	Hitchins et al.	
	US-4,938,958-A	07-03-1990	Niira, deceased, et al.	
	US-4,944,842-A	07-31-1990	Stromberg et al.	
	US-4,946,505-A	08-07-1990	Jungk et al.	
	US-4,946,811	08-07-1990	Tuovinen et al.	
	US-4,952,631	08-28-1990	McAlpin et al.	
	US-4,955,169	09-11-1990	Shisko et al.	
	US-4,963,430	10-16-1990	Kish et al.	
	US-4,969,250	11-13-1990	Hickman et al.	
	US-4,969,302	11-13-1990	Coggan et al.	
	US-4,971,658-A	11-20-1990	Henrickson et al.	
	US-4,975,396	12-04-1990	Thiery et al.	
	US-4,981,666	12-04-1990	Thiery	
	US-4,981,740-A	01-01-1991	Larsen et al.	
	US-4,983,550	01-08-1991	Goetz et al.	
	US-4,985,119	01-15-1991	Vinson et al.	
	US-4,994,113-A	02-19-1991	Helmstetter	
	US-4,995,605	02-26-1991	Conville	
	US-4,999,056	03-12-1991	Rasmussen et al.	
	US-5,002,696	03-26-1991	White	
	US-5,017,232	05-21-1991	Miceli	
	US-5,018,909	05-28-1991	Crum et al.	
	US-5,021,093-A	06-04-1991	Beshay	
	US-5,022,207	06-11-1991	Hartnett	
	US-5,022,897	06-11-1991	Balcar et al.	
	US-5,029,425	07-09-1991	Bogataj	
	US-5,030,287-A	07-09-1991	Magnani et al.	
	US-5,030,289	07-09-1991	Sattler et al.	
	US-5,032,548	07-16-1991	Lowe	
	US-5,035,920	07-30-1991	Smrt et al.	
	US-5,045,378	09-03-1991	Libby	
	US-5,047,086-A	09-10-1991	Hayakawa et al.	
	US-5,049,196-A	09-17-1991	Ries	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	15	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-5,063,260	11-05-1991	Chen et al.	
	US-5,064,784	11-12-1991	Saito et al.	
	US-5,067,675	11-26-1991	Brant et al.	
	US-5,069,702	12-03-1991	Block et al.	
	US-5,073,197	12-17-1991	Majumdar et al.	
	US-5,076,986	12-31-1991	Delvaux et al.	
	US-5,077,241	12-31-1991	Moh et al.	
	US-5,077,952	01-07-1992	Moore	
	US-5,080,022	01-14-1992	Carlson	
	US-5,099,923	03-31-1992	Aften et al.	
	US-5,102,596	04-07-1992	Lempfer et al.	
	US-5,106,557	04-21-1992	Rirsch et al.	
	US-5,108,510	04-28-1992	Burge et al.	
	US-5,108,679	04-28-1992	Rirsch et al.	
	US-5,112,405	05-12-1992	Sanchez	
	US-5,114,617	05-19-1992	Smetana et al.	
	US-5,115,621	05-26-1992	Kobayashi et al.	
	US-5,117,600	06-02-1992	Yerushalmi et al.	
	US-5,117,770	06-02-1992	Hassinen et al.	
	US-5,118,225	06-29-1992	Koch et al.	
	US-5,128,114-A	07-07-1992	Schwartz	
	US-5,143,534	09-01-1992	Kilner et al.	
	US-5,143,780	09-01-1992	Balassa	
	US-5,154,596	10-13-1992	Schwartz et al.	
	US-5,154,771	10-13-1992	Wada et al.	
	US-5,155,958	10-20-1992	Huff	
	US-5,164,003	11-1992	Bosco et al.	
	US-5,167,710	12-01-1992	Leroux et al.	
	US-5,169,558	12-08-1992	Smrt et al.	
	US-5,174,821	12-29-1992	Matsuoka et al.	
	US-5,176,732	01-05-1993	Block et al.	
	US-5,177,305	01-05-1993	Pichat et al.	
	US-5,190,737	03-02-1993	Weimer et al.	
	US-5,191,456	03-02-1993	Sutherland et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/551,873	
				Filing or 371(c) Date	9/30/2005	
				First Named Inventor	Joseph E. Zarb	
				Art Unit	1794	
Examiner Name	Robinson, Lauren E.					
Attorney Docket Number	131279.1050					
Sheet	16	of	71			
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number-Kind Code2 (if known)					

	US-5,192,366	03-09-1993	Nishioka et al.	
	US-5,194,334	03-16-1993	Uerdingen et al.	
	US-5,198,052	03-30-1993	Ali	
	US-5,198,275	03-30-1993	Klein	
	US-5,210,989	05-18-1993	Jakel	
	US-5,217,928	06-08-1993	Goetz et al.	
	US-5,220,762	06-22-1993	Lehnert et al.	
	US-5,223,090	06-29-1993	Klungness et al.	
	US-5,226,274	07-13-1993	Sommerstein et al.	
	US-5,229,437	07-20-1993	Knight	
	US-5,232,497	08-03-1993	Dillenbeck et al.	
	US-5,234,754	08-10-1993	Bache et al.	
	US-5,236,773	08-17-1993	Sorathia et al.	
	US-5,236,994	08-17-1993	Markusch et al.	
	US-5,242,736	09-07-1993	Van Erden et al.	
	US-5,244,318	09-14-1993	Arai et al.	
	US-5,245,811	09-21-1993	Knorr	
	US-5,247,773	09-28-1993	Weir	
	US-5,252,526	10-12-1993	Whittemore	
	US-5,253,991	10-19-1993	Yokota et al.	
	US-5,254,228	10-19-1993	Westhof et al.	
	US-5,256,180	10-26-1993	Garnier et al.	
	US-5,256,349	10-26-1993	Sato et al.	
	US-5,259,872	11-09-1993	Shinozaki et al.	
	US-5,268,226	12-07-1993	Sweeney	
	US-5,281,271	01-25-1994	Govani et al.	
	US-5,282,317	02-01-1994	Carter et al.	
	US-5,290,355	03-01-1994	Jakel	
	US-5,292,690	03-08-1994	Kawachi et al.	
	US-5,294,255	03-15-1994	Smetana et al.	
	US-5,297,370	03-29-1994	Greenstreet et al.	
	US-5,301,484	04-12-1994	Jansson et al.	
	US-5,305,568	04-26-1994	Beckerman	
	US-5,305,577	04-26-1994	Richards et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	17	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-5,312,858	05-17-1994	Folsom	
	US-5,314,119	05-24-1994	Watt	
	US-5,319,245	06-07-1994	Chen et al.	
	US-5,319,909	06-14-1994	Singleterry	
	US-5,323,581	06-28-1994	Jakel	
	US-5,330,573	07-19-1994	Nakano et al.	
	US-5,334,242	08-02-1994	O'Toole	
	US-5,338,349	08-16-1994	Farrar	
	US-5,338,357-A	08-16-1994	Takai et al.	
	US-5,342,485	08-30-1994	Armbrust, Jr.	
	US-5,342,530	08-30-1994	Aften et al.	
	US-5,346,012	09-13-1994	Heathman et al.	
	US-5,346,541	09-13-1994	Goldman et al.	
	US-5,349,118	09-20-1994	Davidovits	
	US-5,349,802	09-27-1994	Kariniemi	
	US-5,352,288	10-04-1994	Mallow	
	US-5,352,290	10-04-1994	Takeshita et al.	
	US-5,358,676	10-25-1994	Jennings et al.	
	US-5,366,637	11-22-1994	Turunc	
	US-5,369,924	12-06-1994	Neudorf et al.	
	US-5,372,678	12-13-1994	Sagstetter et al.	
	US-5,378,279	01-03-1995	Conroy et al.	
	US-5,383,521	01-24-1995	Onan et al.	
	US-5,383,967	01-24-1995	Chase	
	US-5,384,345	01-24-1995	Naton	
	US-5,385,764	01-31-1995	Andersen et al.	
	US-5,387,282	02-07-1995	Jakel	
	US-5,387,283	02-07-1995	Kirkpatrick et al.	
	US-5,387,626	02-07-1995	Bohme-Kovac et al.	
	US-5,391,245	02-21-1995	Turner	
	US-5,394,672	03-07-1995	Seem	
	US-5,395,672	03-07-1995	Pingaud et al.	
	US-5,395,685	03-07-1995	Seth et al.	
	US-5,397,631	03-14-1995	Green et al.	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	18	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)	MM-DD-YYYY			

	US-5,403,392	04-04-1995	Craig	
	US-5,403,394	04-04-1995	Burgand	
	US-5,405,498	04-11-1995	Pease	
	US-5,407,983	04-18-1995	Naton	
	US-5,410,852	05-02-1995	Edgar et al.	
	US-5,415,734	05-16-1995	Backlund et al.	
	US-5,421,867	06-06-1995	Yeager et al.	
	US-5,425,985	06-20-1995	Irvin	
	US-5,425,986	06-20-1995	Guyette	
	US-5,428,931	07-04-1995	Ragsdale	
	US-5,429,717	07-04-1995	Bokstrom et al.	
	US-5,432,212	07-11-1995	Honda et al.	
	US-5,432,215	07-11-1995	Girg et al.	
	US-5,437,934	08-01-1995	Witt et al.	
	US-5,439,518	08-08-1995	Francis et al.	
	US-5,443,603	08-22-1995	Kirkendall	
	US-5,447,798	09-05-1995	Kamaishi et al.	
	US-5,453,123	09-26-1995	Burge et al.	
	US-5,453,310	09-26-1995	Andersen et al.	
	US-5,458,973	10-17-1995	Jeffs et al.	
	US-5,461,839	10-31-1995	Beck	
	US-5,465,547	11-14-1995	Jakel	
	US-5,470,383	11-28-1995	Schermann et al.	
	US-5,472,486	12-05-1995	Dragner et al.	
	US-5,475,961	12-19-1995	Menchetti	
	US-5,477,617	12-26-1995	Guy	
	US-5,482,551	01-09-1996	Morris et al.	
	US-5,484,480	01-16-1996	Styron	
	US-5,490,889	02-13-1996	Kirkpatrick et al.	
	US-5,501,050	03-26-1996	Ruel et al.	
	US-5,508,072	04-16-1996	Andersen et al.	
	US-5,511,316	04-30-1996	Fischer et al.	
	US-5,517,795	05-21-1996	Doke	
	US-5,520,779	05-28-1996	Bold et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	19	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-5,522,926	06-04-1996	Richard et al.	
	US-5,522,986	06-04-1996	Shi et al.	
	US-5,526,627	06-18-1996	Beck	
	US-5,531,824	07-02-1996	Burkes et al.	
	US-5,534,348	07-09-1996	Miller et al.	
	US-5,536,310	07-16-1996	Brook et al.	
	US-5,545,297	08-13-1996	Andersen et al.	
	US-5,547,505	08-20-1996	Nakatsu et al.	
	US-5,549,859	08-27-1996	Andersen et al.	
	US-5,556,458	09-17-1996	Brook et al.	
	US-5,557,903	09-24-1996	Haddock	
	US-5,558,710	09-24-1996	Baig	
	US-5,558,822	09-24-1996	Gitman et al.	
	US-5,559,170	09-24-1996	Castle	
	US-5,561,173	10-01-1996	Dry	
	US-5,562,832	10-08-1996	McOnie et al.	
	US-5,564,233	10-15-1996	Norton	
	US-5,564,245	10-15-1996	Rademacher	
	US-5,565,026	10-15-1996	Hense et al.	
	US-5,577,024	11-19-1996	Malkamaki et al.	
	US-5,580,378	12-03-1996	Shulman	
	US-5,580,409	12-03-1996	Andersen et al.	
	US-5,580,508	12-03-1996	Kobayashi et al.	
	US-5,580,907	12-03-1996	Savin	
	US-5,583,079	12-10-1996	Golitz et al.	
	US-5,591,684	01-07-1997	Kawachi et al.	
	US-5,598,671	02-04-1997	Ting	
	US-5,601,789	02-11-1997	Ruhl et al.	
	US-5,603,758	02-18-1997	Schreifels, Jr. et al.	
	US-5,609,833	03-11-1997	Ruhl et al.	
	US-5,611,833	03-18-1997	Brahmbhatt et al.	
	US-5,611,883	03-18-1997	Tompkins et al.	
	US-5,617,690	04-08-1997	Gibbs	
	US-5,618,173	04-08-1997	Ruhl et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/551,873	
				Filing or 371(c) Date	9/30/2005	
				First Named Inventor	Joseph E. Zarb	
				Art Unit	1794	
				Examiner Name	Robinson, Lauren E.	
				Attorney Docket Number	131279.1050	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number-Kind Code2 (if known)					

	US-5,622,556	04-22-1997	Shulman	
	US-5,631,097	05-20-1997	Andersen et al.	
	US-5,634,314	06-03-1997	Champagne	
	US-5,641,584	06-24-1997	Andersen et al.	
	US-5,643,359	07-01-1997	Soroshian et al.	
	US-5,644,880	07-08-1997	Lehnert et al.	
	US-5,648,144	07-15-1997	Maurer et al.	
	US-5,651,227	07-29-1997	Anderson	
	US-5,655,853	08-12-1997	Wormser	
	US-5,658,624	08-19-1997	Anderson et al.	
	US-5,658,656	08-19-1997	Whitney et al.	
	US-5,661,939	09-02-1997	Coulis et al.	
	US-5,673,489	10-07-1997	Robell	
	US-5,673,529	10-07-1997	Treister et al.	
	US-5,675,955	10-14-1997	Champagne	
	US-5,676,536	10-14-1997	Ruhl et al.	
	US-5,676,563	10-14-1997	Kondo et al.	
	US-5,681,384	10-28-1997	Liskowitz et al.	
	US-5,692,345	12-02-1997	Mogaki et al.	
	US-5,693,137	12-02-1997	Styron	
	US-5,694,727	12-09-1997	Dobija	
	US-5,697,189	12-16-1997	Miller et al.	
	US-5,705,542	01-06-1998	Roffael et al.	
	US-5,709,743	01-20-1998	Leture et al.	
	US-5,714,002	02-03-1998	Styron	
	US-5,718,758	02-17-1998	Breslauer	
	US-5,718,759	02-17-1998	Stav et al.	
	US-5,718,943	02-17-1998	Hsu et al.	
	US-5,722,386	03-03-1998	Fladgard et al.	
	US-5,724,783	03-10-1998	Mandish	
	US-5,725,652	03-10-1998	Shulman	
	US-5,728,458	03-17-1998	Sweeney	
	US-5,729,946	03-24-1998	Beck	
	US-5,732,520	03-31-1998	Maietta	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	21	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-5,735,092	04-07-1998	Clayton et al.	
	US-5,736,594	04-07-1998	Boles et al.	
	US-5,736,602	04-07-1998	Crocker et al.	
	US-5,741,844	04-21-1998	Nass et al.	
	US-5,743,056	04-28-1998	Balla-Goddard et al.	
	US-5,743,393	04-28-1998	Webb et al.	
	US-5,744,078	04-28-1998	Soroshian et al.	
	US-5,749,187	05-12-1998	Umehara et al.	
	US-5,768,841	06-23-1998	Swartz et al.	
	US-5,777,024	07-07-1998	Killilea et al.	
	US-5,786,282	07-28-1998	Carter et al.	
	US-5,791,109	08-11-1998	Lehnert et al.	
	US-5,795,515	08-18-1998	Fischer et al.	
	US-5,802,790	09-08-1998	Lamont et al.	
	US-5,804,003	09-08-1998	Nishizawa et al.	
	US-5,817,230	10-06-1998	Groppa, Jr. et al.	
	US-5,817,262	10-06-1998	Englert	
	US-5,820,668	10-13-1998	Comrie et al.	
	US-5,842,280	12-01-1998	Robell	
	US-5,848,508	12-15-1998	Albrecht	
	US-5,848,509	12-15-1998	Knapp et al.	
	US-5,849,055	12-15-1998	Arai et al.	
	US-5,851,607	12-22-1998	Horinka et al.	
	US-5,853,475	12-29-1998	Liskowitz et al.	
	US-5,857,303	01-12-1999	Beck et al.	
	US-5,858,083	01-12-1999	Stav et al.	
	US-5,863,477	01-26-1999	Kawai et al.	
	US-5,866,057	02-02-1999	Roffael et al.	
	US-5,871,824	02-16-1999	Bates et al.	
	US-5,876,561	03-02-1999	Tsai	
	US-5,878,543	03-09-1999	Mowery	
	US-5,883,029	03-16-1999	Castle	
	US-5,887,403	03-30-1999	Beck	
	US-5,888,322	03-30-1999	Holland	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/551,873	
			Filing or 371(c) Date	9/30/2005	
			First Named Inventor	Joseph E. Zarb	
			Art Unit	1794	
			Examiner Name	Robinson, Lauren E.	
Sheet	22	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)				

	US-5,891,374	04-06-1999	Shah et al.	
	US-5,895,768	04-20-1999	Speit et al.	
	US-5,897,701	04-27-1999	Soroushian et al.	
	US-5,899,256	05-04-1999	Rohatgi	
	US-5,900,053	05-04-1999	Brothers et al.	
	US-5,916,095	06-29-1999	Tamlyn	
	US-5,924,213	07-20-1999	Lee	
	US-5,925,449	07-20-1999	Davidovits	
	US-5,928,777	07-27-1999	Cox et al.	
	US-5,932,347	08-03-1999	Rapp et al.	
	US-5,935,699	08-10-1999	Barber et al.	
	US-5,945,044	08-31-1999	Kawai et al.	
	US-5,945,208	08-31-1999	Richards et al.	
	US-5,946,870	09-07-1999	Bifano et al.	
	US-5,946,876	09-07-1999	Grace, Sr. et al.	
	US-5,948,505	09-07-1999	Puppin	
	US-5,950,319	09-14-1999	Harris	
	US-5,967,211	10-19-1999	Lucas et al.	
	US-5,968,257	10-19-1999	Ahrens	
	US-5,979,135	11-09-1999	Reeves	
	US-5,987,838	11-23-1999	Beck	
	US-5,989,335	11-23-1999	Soroushian et al.	
	US-5,997,630	12-07-1999	Angelskar et al.	
	US-5,997,632	12-07-1999	Styron	
	US-6,000,185	12-14-1999	Beck et al.	
	US-6,008,275	12-28-1999	Moreau et al.	
	US-6,012,255	01-11-2000	Smid et al.	
	US-6,018,924	02-01-2000	Tamlyn	
	US-6,026,616	02-22-2000	Gibson	
	US-6,027,330	02-22-2000	Lifshits	
	US-6,029,415	02-29-2000	Culpepper et al.	
	US-6,034,155	03-07-2000	Espeland et al.	
	US-6,045,057	04-04-2000	Moor et al.	
	US-6,045,871	04-04-2000	Matt et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	23	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-6,046,269	04-04-2000	Nass et al.	
	US-6,048,593	04-11-2000	Espeland et al.	
	US-6,049,987	04-18-2000	Robell	
	US-6,055,787	05-02-2000	Gerhafer et al.	
	US-6,063,856	05-16-2000	Mass	
	US-6,077,327	06-20-2000	Hamayoshi et al.	
	US-6,079,175	06-27-2000	Clear	
	US-6,084,011	07-04-2000	Lucero et al.	
	US-6,086,998	07-11-2000	Wihsman et al.	
	US-6,093,473	07-25-2000	Min et al.	
	US-6,096,388	08-01-2000	Bates et al.	
	US-6,105,888	08-22-2000	Goehner et al.	
	US-6,110,525	08-29-2000	Stoddard	
	US-6,122,876	09-26-2000	Bado et al.	
	US-6,122,877	09-26-2000	Hendrickson et al.	
	US-6,134,855	10-24-2000	Beck	
	US-6,138,430	10-31-2000	Van Acoleyen et al.	
	US-6,139,620	10-31-2000	Suzuki et al.	
	US-6,143,069	11-07-2000	Brothers et al.	
	US-6,145,255	11-14-2000	Allaster	
	US-6,161,353	12-19-2000	Negola et al.	
	US-6,161,354	12-19-2000	Gilbert et al.	
	US-6,164,032	12-26-2000	Beck	
	US-6,164,214	12-26-2000	Smorgon et al.	
	US-6,170,212	01-09-2001	Suchyna et al.	
	US-6,170,214	01-09-2001	Treister et al.	
	US-6,170,215	01-09-2001	Nasi	
	US-6,171,651	01-09-2001	Brown	
	US-6,176,920	01-23-2001	Murphy et al.	
	US-6,195,952	03-06-2001	Culpepper et al.	
	US-6,204,214	03-20-2001	Singh et al.	
	US-6,207,077	03-27-2001	Burnell-Jones et al.	
	US-6,226,947	05-08-2001	Bado et al.	
	US-6,228,215	05-08-2001	Hoffman, Jr.	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	24	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-6,245,196	06-12-2001	Martin et al.	
	US-6,248,812	06-19-2001	Symons et al.	
	US-6,254,845	07-03-2001	Ohashi et al.	
	US-6,254,981	07-03-2001	Castle	
	US-6,258,456	07-10-2001	Meyer	
	US-6,276,107	08-21-2001	Waggoner et al.	
	US-6,277,189	08-21-2001	Chugh	
	US-6,290,769	09-18-2001	Carkner	
	US-6,295,777	10-02-2001	Hunter et al.	
	US-6,298,626	10-09-2001	Rudden	
	US-6,308,486	10-30-2001	Medland et al.	
	US-6,315,489	11-13-2001	Watanabe et al.	
	US-6,316,087	11-13-2001	Lehan	
	US-6,319,456	11-20-2001	Gilbert et al.	
	US-6,324,807	12-04-2001	Ishiko et al.	
	US-6,325,853	12-04-2001	Hogan et al.	
	US-6,332,921	12-25-2001	Brothers et al.	
	US-6,344,654	02-05-2002	Lesko	
	US-6,346,146	02-12-2002	Duselis et al.	
	US-6,346,165	02-12-2002	Markessini et al.	
	US-6,352,952	03-05-2002	Jardine et al.	
	US-6,357,193	03-19-2002	Morris	
	US-6,360,563	03-26-2002	Gerhardt et al.	
	US-6,365,081	04-02-2002	Beck	
	US-6,367,208	04-09-2002	Campbell et al.	
	US-6,367,220	04-09-2002	Krause et al.	
	US-6,367,288	04-09-2002	Lindner et al.	
	US-6,372,694	04-16-2002	Osinga et al.	
	US-6,375,853	04-23-2002	Yoon	
	US-6,387,175	05-14-2002	Lynn et al.	
	US-6,387,302	05-14-2002	Konya et al.	
	US-6,415,574	07-09-2002	Beck	
	US-6,419,788	07-16-2002	Wingerson	
	US-6,421,973	07-23-2002	Gregg et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	25	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-6,423,167	07-23-2002	Palmer et al.	
	US-6,425,218	07-30-2002	Doyon et al.	
	US-6,430,885	08-13-2002	Ito et al.	
	US-5,432,212	08-13-2002	Hirose et al.	
	US-6,436,485	08-20-2002	Sedlmeyr et al.	
	US-6,444,162	09-03-2002	Anshits et al.	
	US-6,444,316	09-03-2002	Reddy et al.	
	US-6,461,988	10-08-2002	Budd et al.	
	US-6,475,275	11-05-2002	Nebesnak et al.	
	US-6,482,258	11-19-2002	Styron	
	US-6,485,561	11-26-2002	Dattel	
	US-6,486,084	11-26-2002	Oda et al.	
	US-6,488,762	12-03-2002	Shi	
	US-6,488,792	12-03-2002	Mathieu et al.	
	US-6,506,248	01-14-2003	Duselis et al.	
	US-6,506,819	01-14-2003	Shukla et al.	
	US-6,510,667	01-28-2003	Cottier et al.	
	US-6,512,132	01-28-2003	Isoda et al.	
	US-6,514,624	02-04-2003	Takemoto et al.	
	US-6,516,580	02-11-2003	Maietta	
	US-6,526,717	03-04-2003	Waggoner et al.	
	US-6,528,151	03-04-2003	Shah et al.	
	US-6,531,189	03-11-2003	Blatter et al.	
	US-6,531,222	03-11-2003	Tanaka et al.	
	US-6,533,848	03-18-2003	Robl et al.	
	US-6,539,643	04-01-2003	Gleeson	
	US-6,541,544	04-01-2003	Hart et al.	
	US-6,550,203	04-22-2003	Little	
	US-6,550,210	04-22-2003	Levine et al.	
	US-6,551,567	04-22-2003	Konya et al.	
	US-6,551,694	04-22-2003	Imamichi et al.	
	US-6,562,444	05-13-2003	Gleeson et al.	
	US-6,562,743	05-13-2003	Cook et al.	
	US-6,572,697	06-03-2003	Gleeson et al.	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/551,873	
			Filing or 371(c) Date	9/30/2005	
			First Named Inventor	Joseph E. Zarb	
			Art Unit	1794	
			Examiner Name	Robinson, Lauren E.	
Sheet	26	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-6,572,698	06-2003	Ko, Shuz-Chung	
	US-6,582,819	06-24-2003	McDaniel et al.	
	US-6,605,148	08-12-2003	Shirakawa et al.	
	US-6,610,358	08-26-2003	Williams et al.	
	US-6,620,487	09-16-2003	Tonyan et al.	
	US-6,626,947	09-30-2003	Lester et al.	
	US-6,626,991	09-30-2003	Drochon et al.	
	US-6,630,417	10-07-2003	Kawai et al.	
	US-6,641,658	11-04-2003	Dubey	
	US-6,644,162	11-11-2003	Temple et al.	
	US-6,645,289	11-11-2003	Sobolev et al.	
	US-6,648,961	11-18-2003	Brothers et al.	
	US-6,656,265	12-02-2003	Garnier et al.	
	US-6,660,077	12-09-2003	De Buen-Unna et al.	
	US-6,660,078	12-09-2003	Brothers et al.	
	US-6,676,744	01-13-2004	Merkley et al.	
	US-6,676,745-A1	01-13-2004	Merkley et al.	
	US-6,679,011	01-20-2004	Beck et al.	
	US-6,682,595	01-27-2004	Barbour	
	US-6,689,286	02-10-2004	Wilde et al.	
	US-6,689,451	02-10-2004	Peng et al.	
	US-6,692,564	02-17-2004	Hofmann et al.	
	US-6,692,570	02-17-2004	Cottier et al.	
	US-6,699,576	03-02-2004	Peng et al.	
	US-6,706,794	03-16-2004	Tsuda et al.	
	US-6,719,878	04-13-2004	Svedman et al.	
	US-6,737,008	05-18-2004	Gilbert et al.	
	US-6,749,897	06-15-2004	Naji et al.	
	US-6,760,978	07-13-2004	Gleeson	
	US-6,770,576	08-03-2004	Cook et al.	
	US-6,777,103	08-17-2004	Merkley et al.	
	US-6,809,131	10-26-2004	Li et al.	
	US-6,811,603	11-02-2004	Brothers et al.	
	US-6,814,798	11-09-2004	Vijn et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	27	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)	MM-DD-YYYY			

	US-6,824,605	11-30-2004	De Buen-Unna et al.	
	US-6,824,715	11-30-2004	Cottier et al.	
	US-6,832,652	12-21-2004	Dillenbeck et al.	
	US-6,837,452	01-04-2005	Dezutter et al.	
	US-6,872,246	03-29-2005	Merkley et al.	
	US-6,875,503	04-05-2005	Famy et al.	
	US-6,893,751	05-17-2005	Naji et al.	
	US-6,901,713	06-07-2005	Axsom	
	US-6,902,002	06-07-2005	Chatterji et al.	
	US-6,902,797	06-07-2005	Pollock et al.	
	US-6,913,819	07-05-2005	Wallner	
	US-6,933,038	08-23-2005	Nanko et al.	
	US-6,941,720	09-13-2005	DeFord et al.	
	US-6,942,726	09-13-2005	Cook et al.	
	US-6,969,422	11-29-2005	Mazany et al.	
	US-7,028,436	04-18-2006	Bezubic, Jr.	
	US-7,081,184	07-25-2006	Wester et al.	
	US-7,089,709	08-15-2006	Waggoner	
	US-7,112,549	09-26-2006	Yoshitomi et al.	
	US-7,128,965	10-31-2006	Famy et al.	
	US-7,147,055	12-12-2006	Brothers et al.	
	US-7,155,866	01-02-2007	Bezubic, Jr. et al.	
	US-7,191,570	03-20-2007	Eaton et al.	
	US-7,226,525	06-05-2007	Vrbanc et al.	
	US-7,300,546	11-27-2007	Jewell et al.	
	US-7,325,325	02-05-2008	Gleeson	
	US-7,338,702	03-04-2008	Swales et al.	
	US-7,396,402	07-08-2008	Naji et al.	
	US-7,419,544	09-02-2008	Naji et al.	
	US-20010043996	11-22-2001	Yamada et al.	
	US-20010047741-A1	12-06-2001	Gleeson et al.	
	US-20010006336	07-05-2001	Yi et al.	
	US-20020004111-A1	01-10-2002	Matsubara et al.	
	US-20020007926-A1	01-24-2002	Jewell et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	28	of	71		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number-Kind Code2 (if known)				

	US-20020007927-A1	01-24-2002	Vahatalo et al.	
	US-20020025436	02-28-2002	Meyer	
	US-20020043996	04-18-2002	Iwamoto	
	US-20020051892-A1	05-02-2002	Laks et al.	
	US-20020059886	05-23-2002	Merkley et al.	
	US-20020069791-A1	06-13-2002	Merkley et al.	
	US-20020088584-A1	07-11-2002	Merkley et al.	
	US-20020100249	08-01-2002	Peng et al.	
	US-20020112827-A1	08-22-2002	Merkley et al.	
	US-20020114888	08-22-2002	Magliocca	
	US-20020121229-A1	09-05-2002	Jardine et al.	
	US-20020166479	11-14-2002	Jiang	
	US-20020170466-A1	11-21-2002	Naji et al.	
	US-20020170467-A1	11-21-2002	Naji et al.	
	US-20020170468-A1	11-21-2002	Luo et al.	
	US-20020175126-A1	11-28-2002	Naji et al.	
	US-20020179219-A1	12-05-2002	Naji et al.	
	US-20020189499-A1	12-19-2002	Naji et al.	
	US-20020189500-A1	12-19-2002	Naji et al.	
	US-20020192510-A1	12-19-2002	Naji et al.	
	US-2002059886	05-23-2002	Merkley et al.	
	US-20030000424-A1	01-02-2003	Naji et al.	
	US-20030046891	03-13-2003	Colada et al.	
	US-20030054123	03-20-2003	Black et al.	
	US-20030056458	03-27-2003	Black et al.	
	US-20030089061	05-15-2003	DeFord et al.	
	US-20030100434	05-29-2003	Yoshitomi et al.	
	US-20030148039	08-07-2003	Blum et al.	
	US-20030164119-A1	09-04-2003	Naji et al.	
	US-20030165624	09-04-2003	Naji et al.	
	US-20030172606	09-18-2003	Anderson	
	US-20030177955	09-25-2003	Vijn et al.	
	US-20030200721	10-30-2003	Gleeson et al.	
	US-20030205172	11-06-2003	Gleeson et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	29	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-20030213568	11-20-2003	Wester et al.	
	US-20030213569	11-20-2003	Wester et al.	
	US-20030213570	11-20-2003	Vrbanac et al.	
	US-20030213572-A1	11-20-2003	Vrbanac et al.	
	US-20040028909	02-12-2004	Hodgson et al.	
	US-20040043217-A1	03-04-2004	Dezutter et al.	
	US-20040043686	03-04-2004	Batdorf	
	US-20040079260	04-29-2004	Datta et al.	
	US-20040080063-A1	04-29-2004	Datta et al.	
	US-20040081827-A1	04-29-2004	Datta et al.	
	US-20040083677-A1	05-06-2004	Bezubic et al.	
	US-20040099982	05-27-2004	Sirola et al.	
	US-20040103610	06-03-2004	Axson	
	US-20040132843-A1	07-08-2004	Baumgart et al.	
	US-20040145078-A1	07-29-2004	Merkley et al.	
	US-20040163331	08-26-2004	Peng et al.	
	US-20040168615-A1	09-02-2004	Luo et al.	
	US-20040211342	10-28-2004	Sprouts et al.	
	US-20040220317	11-04-2004	Lorah et al.	
	US-20040262801	12-30-2004	Hojaji et al.	
	US-20050000172	01-06-2005	Anderson	
	US-20050005821	01-13-2005	Colombet et al.	
	US-20050011412-A1	01-20-2005	Vijn et al.	
	US-20050016423-A1	01-27-2005	Merkley et al.	
	US-20050045067-A1	03-03-2005	Naji et al.	
	US-20050072056	04-07-2005	Famy et al.	
	US-20050126430	06-16-2005	Lightner et al.	
	US-20050138865	06-30-2005	Gleeson et al.	
	US-20050208285	09-22-2005	Lyons et al.	
	US-20050208287	09-22-2005	Naji et al.	
	US-20050210790	09-29-2005	Wallner	
	US-20050235883-A1	10-27-2005	Merkley et al.	
	US-20050262799	12-01-2005	GLEESON et al.	
	US-20050284339	12-29-2005	Brunton et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	30	of	71	Attorney Docket Number	131279.1050
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*		Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

	US-20060010800	01-19-2006	Bezubic	
	US-20060024480	02-02-2006	Lyons et al.	
	US-20060107872	05-25-2006	Chen	
	US-20060147681	07-06-2006	Dubey	
	US-20060168906-A1	08-03-2006	Tonyan et al.	
	US-20060182946	08-17-2006	Zarb et al.	
	US-20060288909	12-28-2006	Naji et al.	
	US-20070022913	02-01-2007	Wang et al.	
	US-20070077436-A1	04-05-2007	Naji et al.	
	US-20070110981	05-17-2007	Killilea et al.	
	US-20070131145	06-14-2007	Biscan et al.	
	US-20070186822	08-16-2007	Utagaki et al.	
	US-20070209554	09-13-2007	Garcia Luna et al.	
	US-20070246864	10-25-2007	Utagaki et al.	
	US-20070261607	11-15-2007	Utagaki et al.	
	US-20080022627	01-31-2008	Gleeson et al.	
	US-20080072795	03-27-2008	Utagaki et al.	
	US-20080072796	03-27-2008	Utagaki et al.	
	US-20080095692	04-24-2008	Pham	
	US-20080096018	04-24-2008	Zhang et al.	
	US-20080104918	05-08-2008	Gleeson et al.	
	US-20080157428	07-03-2008	Utagaki et al.	
	US-20080163582	07-10-2008	Trevethick	
	US-20080176057	07-24-2008	Ukai	
	US-20080178771	07-31-2008	Utagaki et al.	
	US-20080190062	08-14-2008	Engbrecht et al.	
	US-20080191165	08-14-2008	Nakagawa	
	US-20080199677	08-21-2008	Ukai	
	US-20080203365	08-28-2008	Gleeson et al.	
	US-20080311346	12-18-2008	Ohno	
	US-20090025897	01-29-2009	Aizawa	
	US-20090076196	03-19-2009	Hojaji	
	US-20090090276	04-09-2009	Feng	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
Examiner Name	Robinson, Lauren E.				
Attorney Docket Number	131279.1050				
Sheet	31	of	71		
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No	
	AR-151553	10-05-1966	Johns-Manville Corporation	No	
	AR-010221	06-07-2000	EKA Chemicals AB	No	
	AR-012644	11-08-2000	Crosfield Ltd	No	
	AR-014046-A1	11-27-1998	Bouygues	No	
	AR-014702-A1	03-10-1999	Dalhousie Univ.	No	
	AR-015457-A1	09-21-1998	Redco S.A.	No	
	AR-206788	08-23-1976	Hoechst Ag	data sheet	
	AR-206890 (data sheet only)	08-31-1976	Sika Ag	n/a	
	AR-227376 (data sheet only)	10-29-1982	Horacio Ernst Cristian	n/a	
	AR-228671-A1	03-30-1983	Grace W R & Co	w/corresponding GB2106527	
	AR-240667	08-31-1990	Elkem As Den Norske Stats Olje	w/corresponding US4,933,031	
	AR-250022		Daiwabo Create Co., Ltd.	No	
	AR-291988	01-31-1984	W. R. Grace & Co.	No	
	AT-391131-B	08-27-1990	Erernit-Werke Ludwig Hatschek Akt.	Yes	
	AU-0552930 B2	06-26-1986	Mitsubishi Chem. Ind. Ltd	w/abstract of corresponding US4574012	
	AU-11373/00	05-01-2000	James Hardie Res Pty Ltd	w/abstract of corresponding WO00/21901	
	AU-13067/92-A	09-24-1992	Hoechst Aktiengesellschaft	n/a	
	AU-44948/85 (Abstract only)	01-24-1986	Sandoz Ag	n/a	
	AU-37683/01 (Abstract only)	09-17-2001	Buyse Rene Francois	n/a	
	AU-515151	03-1981	JH & Coy, Pty Ltd	n/a	
	AU-55929/86	10-30-1986	Dow Chemical Co.	n/a	
	AU-572111-B	05-05-1988	A.V. Syntec Pty. Ltd.	n/a	
	AU-606344	01-04-1989	Kabushiki Kaisha Osaka Packing Seizosho	n/a	
	AU-616088	07-26-1990	National Gypsum Co.	n/a	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	32	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	AU-6292698	08-18-1998	Koch Marmorit Gmbh	corresponding WO9832713
	AU-643726	11-25-1993	Teare, John	n/a
	AU-659400	05-11-1995	Vinyl-Crete Products	n/a
	AU-677649	12-15-1994	Nabil Nasri Gazal	n/a
	AU-681049	09-05-1996	Gunter Quiskamp	n/a
	AU-686135	11-03-1994	Tecrete Industries Pty Ltd	n/a
	AU-702630	11-21-1996	Howe	n/a
	AU-732998	05-11-1998	James Hardie Research Pty Ltd	n/a
	AU-734095	03-25-1999	Supplee	n/a
	AU-735352	07-05-2001	Hiltive Pty Limited	n/a
	AU-783430	06-28-2001	James Hardie International Finance B.V.	n/a
	AU-8401582	02-10-1983	Watson R J et al.	n/a
	AU-8858982	03-31-1983	Hediger A	n/a
	AU-94035-S	11-06-1986	Whitford	n/a
	AU-95878-S	03-26-1987	Leisemann	n/a
	AU-9768198	05-17-1999	Carter Holt Harvey Ltd	corresponding WO9922095
	AU-98800-S	12-03-1987	Brown-Neaves et al.	n/a
	AU-99683-S	02-25-1988	Rawlyk	n/a
	AU-102662-S	01-27-1989	Nehring	n/a
	AU-103840-S	05-18-1989	Notley	n/a
	AU-104552-S	08-14-1989	Sigal	n/a
	AU-108078-S	07-02-1990	Borghouts	n/a
	AU-110320-S	02-13-1991	Healy	n/a
	AU-117138-S	05-21-1993	Taffs et al.	n/a
	AU-118448-S	10-13-1993	Trinne	n/a
	AU-118862-S	11-25-1993	Saddington	n/a
	AU-122634-S	02-13-1995	Merkel	n/a
	AU-123141-S	04-03-1995	Gale	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFV. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	33	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	AU-123142-S	04-03-1995	Gale	n/a
	AU-130941-S	08-19-1997	Ainscough	n/a
	AU-132812-S	02-09-1998	Ainscough	n/a
	AU-135097-S	09-21-1998	Gattegno et al.	n/a
	AU-135557-S	11-03-1998	Bouchard	n/a
	AU-137291-S	05-19-1999	Waite	n/a
	AU-137791-S	07-20-1999	Waite	n/a
	AU-140607-S	05-15-2000	House	n/a
	AU-147568-S	04-26-2002	Sladojevic	n/a
	AU-148485-S	07-19-2002	Price	n/a
	AU-152915-S	08-25-2003	Price	n/a
	AU-153491-S	10-28-2003	Emblin	n/a
	AU-153493-S	10-28-2003	Emblin	n/a
	AU-153494-S	10-28-2003	Emblin	n/a
	AU-153495-S	10-28-2003	Emblin	n/a
	AU-153496-S	10-28-2003	Emblin	n/a
	AU-198170389	10-01-1981	Satila	n/a
	AU-198946878	07-26-1990	National Gypsum Co.	n/a
	AU-199176201	06-11-1992	Anelete Pty Ltd	n/a
	AU-199340398	11-18-1993	Huels Troisdorf	n/a
	AU-199869111	10-30-1998	James Hardie Research Pty Ltd	n/a
	AU-199886116	05-20-1999	Carter Holt Harvey Limited	n/a
	AU-199879922	02-25-1999	Halliburton Energy Services Inc	n/a
	AU-99/26061	09-15-1999	Lafarge Canada Inc.	n/a
	AU-99/52711	03-27-2000	James Hardie Research Pty. Limited	n/a
	AU-200053659	03-07-2002	Divuse Pty Ltd	n/a
	AU-200072012	06-07-2001	JBS Patents Pty Ltd	n/a
	AU-200078733	05-10-2001	Consolidated Minerals Inc.	n/a
	AU-200078752	05-10-2001	Consolidated Minerals	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	34	of	71		
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	AU-200078753		05-10-2001	Consolidated Minerals	n/a
	AU-200111200		05-14-2001	Exin International Pty Ltd	n/a
	AU-200121275		06-18-2001	James Hardie International Finance B.V.	n/a
	AU-2001250832		09-24-2001	James Hardie Research Pty Limited	n/a
	AU-2001287356		04-08-2002	Hiltive Pty Limited	n/a
	AU-200143991		10-08-2001	Martella et al.	n/a
	AU-2002211394		04-22-2002	James Hardie International Finance B.V.	n/a
	AU-200218649		05-21-2002	Satana Onur Alp	n/a
	AU-200223229		11-14-2002	CSR Limited	n/a
	AU-2002240552-B2		09-24-2002	James Hardie Int'l Finance B.V.	n/a
	AU-2002301041		06-12-2003	CSR Limited	n/a
	AU-2002301288-A1		02-27-2003	CSR Limited	n/a
	AU-2002301511-A1		06-12-2003	Gartland	n/a
	AU-2003204418		12-18-2003	John Lukaszewicz et al.	n/a
	AU-2003204739-B2		07-03-2003	Hiltive Pty Limited	n/a
	AU-2003238481		12-31-2003	MBS Montan	n/a
	AU-2003257906-A1		07-08-2004	Carter Holt Harvey Ltd	n/a
	AU-2003266828		04-23-2004	James Hardie Int Finance Bv	n/a
	AU-2003268882		08-05-2004	CSR Ltd	n/a
	AU-2003271286		07-08-2004	CSR Ltd	n/a
	AU-2004200339		06-09-2005	Kevin Saunders	n/a
	AU-2004204092		07-29-2004	James Hardie Int Finance Bv	n/a
	AU-2005100347		05-12-2005	James Hardie Int Finance Bv	n/a
	CA-1040859		10-24-1978	Matthews William R et al.	n/a
	CA-1084230		08-26-1980	Hafner Joseph A	n/a
	CA-1177205		11-06-1984	Dynamit Nobel Ag	n/a
	CA-2242749		02-01-1999	Seymour George W	n/a
	CA-2313456		06-24-1999	Bayer Ag	n/a

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson; Lauren E.
Sheet	35	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	CA-2405354	11-01-2001	Jewell et al.	n/a
	CA-730345	03-22-1966	Mccready William B	n/a
	CL-461-02	03-08-2002	James Hardie Research Pty Ltd	No
	CL-2346-01	09-28-2001	James Hardie Research Pty Ltd	No
	CL-2347-01	09-28-2001	James Hardie Research Pty Ltd	No
	CL-2352-01	09-28-2001	James Hardie Research Pty Ltd	No
	CL-2353-01	09-28-2001	James Hardie Research Pty Ltd	No
	CL-32972	02-01-1980		No
	CN-1032332-A	04-12-1989	Jiangnan Cellulose Chemical PI	Yes
	CN-1052519-A	06-26-1991	Shanxi Prov Communication Depa	Yes
	CN-1061328-C	01-31-2001	Shenyang Building Engineering	Abstract
	CN-1081168-A	01-26-1994	Construction Engineering Res. Inst.	Abstract
	CN-1087885-A (Abstract only)	06-15-1994	Zheng Jiuhe	n/a
	CN-1099089-A	02-22-1995	Huatai Chemical Products Co Sh	Abstract
	CN-1160070-A (Abstract only)	09-24-1997	Wan Qihong	n/a
	CN-1178202-A (Abstract only)	04-08-1998	Loading And Unloading Service Co.	n/a
	CN-1199116-A	11-18-1998	Beijing Textile Science Inst	Abstract
	CN-1224701	08-04-1999	Zou Qing	Yes
	CN-1251358-A (Abstract only)	04-26-2000	Tang Shaolin	n/a
	CN-1500038-A	05-26-2004	James Hardie Res Pty Ltd	Abstract
	CN-2281378-Y	05-13-1998	Lu Jie	Yes
	CN-2435455-Y	06-20-2001	Yuan Xiangceng	Yes

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	36	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	CS-222361	06-24-1983	Vrbecky Jan et al.	No
	CZ-283459 (Abstract only)	04-15-1998	VSCHT	n/a
	EP-0007585	02-06-1980	Minora Forsch Entwicklung	Abstract
	EP-0012546	06-25-1980	Turner & Newall Plc	n/a
	EP-0021362	01-07-1981	Montedison S.p.A et al.	n/a
	EP-0033133-A1	08-05-1981	Licencia Talalmanyokat	Abstract
	EP-0036275-A1	09-23-1981	Nitto Boseki Co. Ltd.	n/a
	EP-0049365-A2	04-14-1982	Dynamit Nobel AG	Abstract
	EP-0055504	07-07-1982	Nagron Steel & Aluminium	n/a
	EP-0056263	07-21-1982	Mo Och Domsjoe Ab	n/a
	EP-0069095	01-05-1983	Thermobase S N C	n/a
	EP-0102092	03-07-1984	Mijnster Anton	n/a
	EP-0103097-B1	03-21-1984	Ytong Ag	Abstract
	EP-0104540 A2	04-04-1984	Bayer Ag	w/corresponding US4528307
	EP-0127960-B1	12-12-1984	Eternit Fab Dansk As	n/a
	EP-0136790-A2	04-10-1985	Dow Chemical Co	n/a
	EP-0147429-A1	07-10-1985	Holbek Kjeld Aps	corresponding WO8404765
	EP-0159046-A2	10-23-1985	Sumitomo Electric Industries Ltd	n/a
	EP-0159173-A2	10-23-1985	Walt Disney Productions	n/a
	EP-0173553-A1	03-05-1986	Marley Tile Ag et al.	n/a
	EP-0184477-A1	06-11-1986	Lavau Jacques et al.	Abstract
	EP-0188471-A1 (Abstract only)	07-30-1986	Sandoz Ag	n/a
	EP-0220073-B1	04-29-1987	Redland Technology Ltd	n/a
	EP-0222339-A1	05-20-1987	Nitto Boseki Co Ltd	n/a
	EP-0242872-A1	10-28-1987	Pieper Helmut Dipl Ing	Abstract
	EP-0247817-A1	12-02-1987	Pfizer Inc.	n/a
	EP-0263723-A2	04-13-1988	Eternit Fab Dansk As	n/a
	EP-0287962-A1	10-26-1988	Ametex Ag et al.	Abstract
	EP-0297186-A1	01-04-1989	Crompton Geoffrey	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	37	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	EP-0305209-A1	03-01-1989	New Zealand Forest Prod	n/a
	EP-0314242-A1	05-03-1989	Pumptech Nv	n/a
	EP-0327351-A2	08-09-1989	Dow Chemical Co	n/a
	EP-0328431-A1	08-16-1989	Lafarge Fondu Int	Abstract
	EP-0347092-A	12-20-1989	Redland Roof Tiles Ltd	n/a
	EP-0359362-B1	03-21-1990	Ecc Int Ltd	n/a
	EP-0376334	07-04-1990	Ask Corp	n/a
	EP-0419657	04-03-1991	Hitachi Chemical Co Ltd	n/a
	EP-0428431-A1	05-22-1991	Prolifix Sa	Abstract
	EP-0430667	06-05-1991	Coseley Building Systems Ltd	n/a
	EP-0430995-B1	06-12-1991	Potters Industries Inc	n/a
	EP-0482810-A1	04-29-1992	Domtar Inc	n/a
	EP-0484283-A1	05-06-1992	Lastre Spa	n/a
	EP-0558239-A1	09-01-1993	Mckechne Uk Ltd	n/a
	EP-0564447-A1	10-06-1993	Alcatel Austria Ag	Abstract
	EP-0593779-A1	04-27-1994	Mitsubishi Materials Corp	Abstract
	EP-0601594-A1	06-15-1994	Asahi Glass Co Ltd	n/a
	EP-0619227-B1	10-12-1994	Awax Progettazione	n/a
	EP-0619277-B1	10-12-1994	Grace W R & Co et al.	n/a
	EP-0625618-A2	11-23-1994	Sto Verotec Gmbh	Abstract
	EP-0678488	10-25-1995	Ngk Insulators Ltd	n/a
	EP-0683282	11-22-1995	Chang Fu Chuan	n/a
	EP-0708213-A1	04-24-1996	Hoechst Ag	w/Abstract
	EP-0717675	06-26-1996	PQ Corp	Abstract w/ corresponding WO9507177
	EP-0725044-A1	08-07-1996	Chichibu Onoda Cement Corp et al.	n/a
	EP-0801037-B1	10-15-1997	Asahi Glass Co Ltd	n/a
	EP-0803484-A1	10-29-1997	Ask Corp	n/a
	EP-0846666-B1	06-10-1998	Ask Corp	n/a
	EP-0846668-B1	06-10-1998	Dow Corning	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	38	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	EP-0891954-B1	01-20-1999	Iberia Ashland Chem Sa	n/a
	EP-0931778-B1	07-28-1999	Viessmann Werke Kg	Abstract
	EP-0999232-B1	05-10-2000	Stilkerieg Berthold Dipl Ing et al.	Abstract
	EP-1052262-A2	11-15-2000	Shin-etsu Chemical Co.	n/a
	EP-1106236-A1	06-13-2001	Proflute Ab	n/a
	EP-1144129-A1	10-17-2001	Advanced Photonics	Abstract
	EP-1155794-A2	11-21-2001	Khashoggi E Ind	n/a
	EP-1156021	11-21-2001	Asahi Glass Co Ltd	n/a
	EP-1160212-A1	12-05-2001	Asahi Glass Co Ltd	n/a
	EP-1172341	01-16-2002	Asahi Glass Co Ltd	n/a
	EP-1227199-A1	07-31-2002	Uralita De Productos Y Servici	n/a
	EP-1246782-A0	10-09-2002	James Hardie Res Pty Ltd	Yes
	EP-1334076-B1	08-13-2003	James Hardie Res Pty Ltd	n/a
	EP-1346964-A2	09-24-2003	Owens Corning Fiberglass Corp	n/a
	EP-1556313-A1 (Abstract only)	07-27-2005	HRD Corp	n/a
	EP-1801278-A1	06-27-2007	Johns Manville	n/a
	EP-1985671-A1	10-29-2008	Diller Corp	n/a
	EP-1891984	02-27-2008	Graftys	n/a
	ES-2033987-T3	04-01-1993	REDCO / S.A. Financiere Eternit	Yes
	DE-10106888 A1	09-05-2002	Advanced Photonics	Abstract
	DE-143936	09-17-1980	Kambor et al	Abstract
	DE-1952082-U	12-22-1966	Geyer FA Christian	data sheet
	DE-19549535-C2	01-11-2001	Sebald Ralf	Yes
	DE-19607081-A1	08-28-1997	Bilfinger & Berger Umweltverfa	Abstract
	DE-19654836-A1	06-25-1998	Protekum Umweltinstitut GmbH	Abstract

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	39	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	DE-19858342-C1	02-03-2000	Kalksandstein Werk Wemding Gmb	Abstract
	DE-19962137-A1	06-28-2001	Stilkerieg Berthold	Abstract
	DE-20006112-U1	07-06-2000	Deutsche Rockwool Mineralwooll-GmbH	Abstract
	DE-20105063-U1	08-16-2001	Advanced Photonics	Yes
	DE-2344773-A1	03-27-1975	Kabushiki Kaisha Osaka Packing	Yes
	DE-2460879-A1	06-24-1976	Hahn Horst	Yes
	DE-2460880-A1	06-24-1976	Hahn Horst	Yes
	DE-2610998-A1	09-22-1977	Seelze & Eichriede Fulgurit	Yes
	DE-3037220-A1	04-29-1982	Dynamit Nobel Ag	corresponding CA1196653
	DE-3046405-A1 (Abstract only)	09-09-1982	Quante Heinrich	n/a
	DE-3210326	09-22-1983	Maschf Augsburg Nuernberg Ag	Abstract
	DE-3213521-A1 (Abstract only)	06-23-1983	Ytong Ag	n/a
	DE-3232106-A1	03-01-1984	Bwm Duebel & Montagetechnik	Abstract
	DE-3308917	09-13-1984	Siempelkamp GmbH & Co	Abstract
	DE-3314796-A1	10-25-1984	Mayer Reiland Geb Reiland Eva	Abstract
	DE-3324671-A1	01-17-1985	Didier Werke Ag	Abstract
	DE-3505335	08-21-1986	Gruenzweig & Hartmann Montage	Abstract
	DE-3601736-A1	07-23-1987	Fulgurit Baustoffe GmbH	Yes
	DE-3621010-A1	01-07-1988	Villeroy & Boch	Abstract
	DE-3711549-A1	10-15-1987	Ube Industries	Abstract
	DE-3743467-A1	07-13-1989	Heidelberger Zement Ag	Abstract
	DE-3908172-A1	09-20-1990	Gumbmann Andreas Dipl Ing	Abstract
	DE-3923800-A1	01-24-1991	Montaflex Aluminiumprofile & B	Abstract
	DE-3932176-A1	06-13-1990	Roemmler H Resopal Werk GmbH	Abstract

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	40	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

	DE-4004103	08-14-1991	Wendker Leichtmetall U Leichtb	Abstract
	DE-4104919 (Abstract only)	08-20-1992	Dennert Kg Veit	n/a
	DE-4209834-A1	09-30-1993	Brich Dieter	Abstract
	DE-4228338-A1	10-28-1993	Hoepner Hans Dr	Abstract
	DE-4229572	03-11-1993	Nichias Corp	Abstract
	DE-4316666-C1	12-08-1994	Maerkische Faser Ag et al.	Yes
	DE-4410020 -A1	09-28-1995	Gruenzweig & Hartmann	Abstract
	DE-9403018-U1	05-26-1994	Bitra	Abstract
	FR-1557348-A	02-14-1969	Badische Anilin & Soda Fabrik AG	Abstract
	FR-2248246-A1 (Abstract only)	05-16-1975	Commissariat Energie Atomique	n/a
	FR-2405908-A1	05-11-1979	Tech Tuiles Briques Centre	Yes
	FR-2512440-A1	03-11-1983	Colas S.A.	Abstract
	FR-2540160-A1	08-03-1984	Prefabrication Indle Et	Abstract
	FR-2562591-A1	10-11-1985	Gen Batiment	Abstract
	FR-2611432-A1	09-09-1988	Lowe	Abstract
	FR-2624870-A1	06-23-1989	Elf Aquitaine	Abstract
	FR-2628775-A1	09-22-1989	Gtm Batimen Travaux Publ	Abstract
	FR-2671072 (Abstract only)	07-03-1992	Saint-Gobtain	n/a
	FR-2702790-A1	09-23-1994	Martos Julio	Abstract
	FR-895184	01-17-1945	Eternit Werke Hatschek L	Yes
	FR-990242-A1	09-19-1951	M. Maurice de Puiffe	Yes
	GB-0740145	11-09-1955	Union Des Verreries Mecaniques	n/a
	GB-1086311	10-11-1967	Trusteel Corp Universal Ltd	n/a
	GB-1125825	09-05-1968	Malcolm Neville Shute et al.	n/a
	GB-1174902	12-17-1969	Marshall Alan William David et al.	n/a
	GB-119182	09-26-1918	Stone, Richard Fairfax	n/a

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	41	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	GB-1269357	04-06-1972	Marley Tile Company Ltd	n/a
	GB-1337129	11-14-1973	Mobil Oil Corp	n/a
	GB-1512084	05-24-1978	Formica Int	n/a
	GB-1543460	04-04-1979	Kubota Ltd	n/a
	GB-1577648	10-29-1980	Sadacem	n/a
	GB-1604910	12-16-1981	Holbek K	n/a
	GB-2021186-A	11-28-1979	Alcan Res & Dev	n/a
	GB-2041384	09-10-1980	Pennington J	n/a
	GB-2064989	06-24-1981	Statens Skogsind Ab	n/a
	GB-2067622	07-30-1981	Annawerk Gmbh	n/a
	GB-2075079-A	11-11-1981	Coba Plastics Ltd	n/a
	GB-2078611-A	01-13-1982	Hellenic Ind Tech Comm	n/a
	GB-2080851	02-10-1982	Universal Component System	n/a
	GB-2083512-A	03-24-1982	Amfu Ltd	n/a
	GB-2148871	06-05-1985	Pilkington Brothers Plc	n/a
	GB-2199857-A	07-20-1988	Dales Francis Donald	n/a
	GB-22139	11-30-1901	Hatschek	n/a
	GB-2252987	08-26-1992	Impiz Pty Ltd	n/a
	GB-2340071-A	02-16-2000	Kestrel Building Products Limi	n/a
	GB-2433497-A	06-27-2007	Dow Corning	n/a
	GB-413294	07-11-1934	Roland Herbert Allen	n/a
	GB-442098	02-03-1936	Adolfo Mazza	n/a
	GB-449384	06-25-1936	Alessandro Magnani	n/a
	GB-558239	12-28-1943	Leslie Shingleton	n/a
	GB-558584	01-12-1944	Edwin Airey	n/a
	GB-564447	09-28-1944	Leslie Shingleton	n/a
	GB-682432	11-12-1952	Annexes A L Inst Meurice Chimi	n/a
	GB-731597	06-08-1955	Alessandro Magnani	n/a
	GB-743866	01-25-1956	James George Fife	n/a
	GB-744070	02-01-1956	James George Fife	n/a
	GB-752345	07-11-1956	Standard Oil Co	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	42	of	71		
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	GB-896910		05-23-1962	Carborundum Co	n/a
	GB-1003850		09-08-1965	Simone Garnier	n/a
	GB-1062410		03-22-1967	Du Pont	n/a
	GB-1066768		04-26-1967	Corning Glass Works	n/a
	GB-1258288		12-30-1971	Ferma Gesellschaft Fur Rationelle	n/a
	GB-1265471		03-01-1972	BPB Industries Ltd.	n/a
	GB-1448320		09-02-1976	Univ Washington	n/a
	GB-1490711		11-02-1977	Hoechst Ag	n/a
	GB-1493202		11-30-1977	Proctor & Gamble	n/a
	GB-1493203		11-30-1977	Jenaer Glaswerk Schott & Gen	n/a
	GB-1514239		06-14-1978	Nat Res Dev	n/a
	GB-1515521		06-28-1978	Tarkett Ab	n/a
	GB-1532922		11-22-1978	Dodd A	n/a
	GB-1536663		12-20-1978	Cape Boards & Panels Ltd	n/a
	GB-1584175		02-11-1981	Potters Industries Inc.	n/a
	GB-2019386		10-31-1979	Cape Insulation Limited	n/a
	GB-2025928		01-30-1980	Nippon Sheet Glass Co Ltd	n/a
	GB-2106527		04-13-1983	Grace W R & Co	n/a
	GB-2137977		10-17-1984	Matsushita Electric Works Ltd	n/a
	GB-2230772		10-31-1990	Jaypack Limited et al.	n/a
	GB-2248834		04-22-1992	Glaverbel et al.	n/a
	GB-2256867		12-23-1992	Potters Industries Inc.	n/a
	GB-2276875		10-12-1994	MHJ Ltd.	n/a
	GB-2307425		05-28-1997	Nationwide Filter Comp Ltd	n/a
	GB-2330138		04-14-1999	Sumitomo Metal Mining Co	n/a
	HU-0001904		11-28-2000	Crosfield	corresponding WO98/49118
	HU-0895285-AO		01-28-1990	Fibronit SRL	corresponding EP0363875
	HU-31027 (Abstract only)		04-28-1984	I. Apro	n/a
	HU-164419		02-28-1974	Karl Schafer	data sheet

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	43	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

	HU-173947	09-28-1979	Halle Wohnungsbau	espacenet translation of corresponding DE2421380	
	HU-180773	04-29-1983	Nemes Geza et al.	data sheet	
	HU-200511-B	06-28-1990	Ceskoslovenska Adademie	data sheet	
	HU-209836-B	11-28-1994	Kis et al.	data sheet	
	HU-9602843-AO	12-30-1996	Durapact Gesellschaft Fuer Glasfaserbetontechnologie MbH	corresponding WO9530520	
	IT-1311962-B1 (Abstract only)	03-20-2002	Giovanni Masini	n/a	
	JP-10152356-A	06-09-1998	Nakamura Shizuo et al.	Abstract	
	JP-1029843 (Abstract only)	01-31-1989	Fuji Photo Film Co Ltd	n/a	
	JP-10330146	12-15-1998	Sekisui Chemical Co Ltd	Abstract & translation in part	
	JP-63107849-A	05-12-1988	Matsushita Electric Works Ltd	data sheet & translation in part	
	JP-59203747	11-17-1984	Matsushita Electric Works Ltd	translation in part	
	JP-2204566-A	08-14-1990	Takenaka Komuten Co	Abstract	
	JP-2507028	05-30-1996		No	
	JP-2508554-B2 (Abstract only)	06-19-1996	Nippon Denso Co	n/a	
	JP-2538120	03-07-1997		No	
	JP-6341093	12-13-1994	Lion Corp	Abstract	
	JP-3-004654	02-06-1991		No	
	JP-3063641-U	06-21-1991		No	
	JP-3066338-U	06-27-1991		No	
	JP-4042875-A (Abstract only)	02-13-1992	Kubota Kk	n/a	
	JP-4114937 (Abstract only)	07-13-1992	Kurashiki Boseki Kk	n/a	
	JP-4149352 (Abstract only)	05-22-1992	Asahi Chem.	n/a	
	JP-4193748-A	07-13-1992	Kurashiki Boseki Kk	Yes	
	JP-4292906-A (Abstract only)	10-16-1992	Kubota Kk	n/a	
	JP-5001532-Y2	01-14-1993		No	
	JP-51-23229	06-15-1976		No	
	JP-5154816-A2 (Abstract only)	06-22-1993	Kubota Kk	n/a	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	44	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	JP-5177625-A2	07-20-1993	Taisei Corp et al.	Abstract
	JP-05186261-A	07-27-1993	Nichias Corp	Abstract
	JP-52051719 (Abstract only)	04-25-1977	Kanebo Ltd	n/a
	JP-52052429	04-27-1977	Kanebo Ltd	data sheet
	JP-5229859 (Abstract only)	09-07-1993	Sekisui Chemical Co Ltd	n/a
	JP-53050229 (Abstract only)	05-08-1978	Kondo R.	n/a
	JP-01128748-U (aka JP3066338-U)	06-27-1991	Kanebo Ltd	data sheet
				n/a
	JP-01141849-A2	06-02-1989	Mitsubishi Mining & Cement Co	Abstract
	JP-01290402-A (Abstract only)	11-22-1989	Nippon Steel Chem Co. Ltd.	n/a
	JP-02192447-A	07-30-1990	Asahi Glass Co Ltd	Yes
	JP-02236350-A	09-19-1990	Shikoku Kaken Kogyo Kk	Abstract
	JP-02283646-A (Abstract only)	11-21-1990	Shinetsu Chemical Co	n/a
	JP-02289456-A2	11-29-1990	Ask Corp	Abstract
	JP-03016978 (Abstract only)	01-24-1991	Kubota Kk	n/a
	JP-62037444	02-18-1987	Oyo Kikaku Kk et al.	data sheet
	JP-11010631	01-19-1999	Matsushita Electric Works Ltd	Yes
	JP-05184246-A2 (Abstract only)	07-27-1993	Resurii Eru Baratsusa	n/a
	JP-5-10636-U	02-12-1993	Daikin Ind Ltd	No
	JP-06001648 (Abstract only)	01-11-1994	Kubota Kk	n/a
	JP-06017621-B2	01-25-1994	Nippon Steel Corp	Abstract
	JP-06024821	02-01-1994	Kubota Kk	Abstract
	JP-06080264-B2	10-12-1994	Fujitsu Ltd	No
	JP-06123158-A (Abstract only)	05-06-1994	Shimizu Construction Co Ltd	n/a
	JP-06127992-A	05-10-1994	Kao Corp	Abstract
	JP-06144911	05-24-1994	Kubota Kk	Abstract
	JP-06144912-A2	05-24-1994	Kubota Kk	Abstract
	JP-06256053-A2 (Abstract only)	09-13-1994	Denki Kagaku Kogyo Kk	n/a
	JP-06258053-A	09-16-1994	Hitachi Electr Eng et al.	Abstract

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	45	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	JP-06278116-A	10-04-1994	Kubota Kk	Abstract and machine translation
	JP-07010621 (Abstract only)	01-13-1995	Daiwa Spinning Co Ltd	n/a
	JP-07024299-A (Abstract only)	01-27-1995	Shiratsukusuu Kk et al.	n/a
	JP-07033502-A (Abstract only)	02-03-1995	Shinetsu Chemical Co.	n/a
	JP-07041592-A2 (Abstract only)	02-10-1995	Sekisui Chemical Co Ltd	n/a
	JP-07165455-A (Abstract only)	06-27-1995	Sekisui Chemical Co Ltd	n/a
	JP-07187734 (Abstract only)	07-25-1995	Sekisui Chemical Co Ltd	n/a
	JP-07196348 (Abstract only)	08-01-1995	Shimizu Construction Co Ltd	n/a
	JP-07292846-A2 (Abstract only)	11-07-1995	Sekisui Chemical Co Ltd	n/a
	JP-07315869-A (Abstract only)	12-05-1995	Agency Ind Science Techn et al.	n/a
	JP-08012405-A	01-16-1996	Takakura Shozo	Abstract
	JP-08012450-A2 (Abstract only)	01-16-1996	Chichibu Onoda Cement Corp	n/a
	JP-08068184-A2	03-12-1996	Ask Kk	Abstract
	JP-08073283-A	03-19-1996	Sekisui Chemical Co Ltd	Abstract
	JP-08074377 (Abstract only)	03-19-1996	Misawa Homes Co	n/a
	JP-08119708 (Abstract only)	05-14-1996	Matsushita Electric Works Ltd.	n/a
	JP-08169779 (Abstract only)	07-02-1996	Chichibu Onoda Cement Corp	n/a
	JP-08175859 (JP06-322177) (JP2641707)	07-09-1996	Agency Ind Science Techn et al.	Abstract
	JP-08217561-A	08-27-1996	Chichibu Onoda Cement Corp	Abstract
	JP-09020526-A	01-21-1997	Asahi Glass Co Ltd	Abstract
	JP-09052747-A2 (Abstract only)	02-25-1997	Denki Kagaku Kogyo Kk	n/a
	JP-09067174 (Abstract only)	03-11-1997	Ribooru KK	n/a
	JP-09077543	03-25-1997	Chichibu Onoda Cement Corp	Abstract
	JP-09092895	04-04-1997	Matsushita Electric Ind Co Ltd	Abstract
	JP-09123340	05-13-1997	Nozawa Corp	Abstract
	JP-09193120	07-29-1997	Matsushita Electric Works Ltd	Abstract
	JP-09255383-A	09-30-1997	Nippon Cement	Abstract

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	46	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	JP-09296560-A	11-18-1997	Kubota Kk	Abstract
	JP-10025841-A (Abstract only)	01-27-1998	Toei Kensetsu Kogyo Kk	n/a
	JP-10036161-A	02-10-1998	Nippon Kayaku Kk	Abstract
	JP-10046741-A (Abstract only)	02-17-1998	Misawa Homes	n/a
	JP-10095648	04-14-1998	Sumitomo Metal Mining Co	Abstract
	JP-10095922-A2 (Abstract only)	04-14-1998	Daicel Chem	n/a
	JP-10121693-A	05-12-1998	Otsuka Oomi Togya KK	Abstract
	JP-10245925-A	09-14-1998	Misawa Ceramics Corp	Abstract
	JP-11077650-A (Abstract only)	09-09-1997	Kubota Corp	n/a
	JP-11092202-A	04-06-1999	Matsushita Electric Works Ltd	Abstract
	JP-11099512-A (Abstract only)	04-13-1999	Kubota Kk	n/a
	JP-11116299-A	04-27-1999	Sumitomo Metal Mining Co	Abstract
	JP-11139859 (Abstract only)	05-25-1999	Sumitomo Osaka Cement Co Ltd	n/a
	JP-11210203	08-03-1999	Ig Tech Res Inc	Abstract
	JP-11217918 (JP3109802)	08-10-1999	Gantan Beauty Kogyo Kk	Abstract
	JP-11241448-A (Abstract only)	09-07-1999	Misawa Homes	n/a
	JP-11247307	09-14-1999	Ig Tech Res Inc	Abstract
	JP-11256683	09-21-1999	Maeda Construction	Abstract
	JP-11280172	10-12-1999	Ig Tech Res Inc	Abstract
	JP-11511110	09-28-1999	James Hardie Research Pty Ltd	Abstract of corresponding WO9708111
	JP-1178658 (Abstract only)	07-14-1989	Yoshimatsu Mikio	n/a
	JP-2000008581	01-11-2000	Misawa Homes Co	Abstract
	JP-2000064554-A2	02-29-2000	Matsushita Electric Works Ltd	Abstract
	JP-2000119050	04-25-2000	Sumitomo Metal Mining Co	Abstract
	JP-2000043196	02-15-2000	Dainippon Printing Co Ltd	Abstract
	JP-2000110272	04-18-2000	Jsr Corp	Abstract
	JP-2000143307-A	05-23-2000	Sumitomo Metal Mining Co	Abstract
	JP-2000154612-A (Abstract only)	06-06-2000	Matsushita Electric Works Ltd	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	47	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

	JP-2000160057-A	06-13-2000	Ando Corp	Abstract & translation in part
	JP-2000179104-A (Abstract only)	06-27-2000	Tokyo Line Kk	n/a
	JP-2000302498	10-31-2000	Sumitomo Metal Mining Co	Abstract
	JP-2000302522-A (Abstract only)	10-31-2000	Matsushita Electric Works Ltd	n/a
	JP-2001336230-A (Abstract only)	12-07-2001	Kuwazawa Kk	n/a
	JP-2003335560 (Abstract only)	11-25-2003	A & A Material Corp	n/a
	JP-2004027497-A (Abstract only)	01-29-2004	Sekisui House Kk	n/a
	JP-2004231480-A	08-19-2004	Tokuyama Corp	Abstract
	JP-2004314456-A (Abstract only)	11-11-2004	Kubota Matsushita Denko Exterior Works LTd	n/a
	JP-2005034695-A2 (Abstract only)	02-10-2005	Kyowa Exeo Corp	n/a
	JP-2001026485-A	01-30-2001	Sumitomo Osaka Cement Co Ltd	Abstract
	JP-2001163647-A	06-19-2001	Sumitomo Metal Mining Co	Abstract
	JP-2001240439-A	09-04-2001	Nijima Bussan Kk	Abstract
	JP-2001240458-A	09-04-2001	Konoshima Chemical	Abstract
	JP-2001316157-A2 (Abstract only)	11-13-2001	Kuraray Co	n/a
	JP-2001316163-A	11-13-2001	A&A Material Corp.	Abstract
	JP-2002003248	01-09-2002	Sumitomo Metal Mining Co	Abstract
	JP-2002047750-A (Abstract only)	02-15-2002	Sankyo Alu Ind et al.	n/a
	JP-2002053361-A2 (Abstract only)	02-19-2002	Sumitomo Osaka Cement Co Ltd et al.	n/a
	JP-2002097732 (Abstract & machine translation)	04-05-2002	Daishu Kensetsu Kk	n/a
	JP-2002161623-A2	06-04-2002	Mitsui Home Kk et al.	Abstract
	JP-2002212494 A (Abstract only)	07-31-2002	Toyota Ind. Corp	n/a
	JP-2002231865-A	08-16-2002	Toyota Ind Corp	Abstract
	JP-2002354091-A2	12-06-2002	Matsushita Electric	Yes
	JP-2002364091-A (Only Abstract & machine translation)	12-18-2002	Nippon Paper Co Ltd et al.	n/a
	JP-2003073756-A	03-12-2003	Toyota Ind Corp	Yes

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	48	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	JP-03208871-A (Abstract only)	09-12-1991	Kubota Corp	n/a
	JP-03295843	12-26-1991	Taisei Corp et al.	Abstract
	JP-04002642-A	01-07-1992	Shikoku Sogo Kenkyusho Kk et al.	Abstract
	JP-04089340	03-23-1992	Sekisui Chemical Co Ltd	Abstract
	JP-04144949	05-19-1992	Dai Ichi Kogyo Seiyaku Co Ltd	Abstract
	JP-04182335-A	06-29-1992	Tokyu Kensetsu Kk	Abstract
	JP-04295072-A (Abstract only)	10-20-1992	Sumitomo Metal Ind et al.	n/a
	JP-04300232-A2	10-23-1992	Chubu Electric Power et al.	Abstract
	JP-04342746-A	11-30-1992	Nippon Denso Co	Abstract
	JP-04349155 (Abstract only)	12-03-1992	Onoda Cement Co Ltd et al.	n/a
	JP-05044323	02-23-1993	Misawa Homes Co	Abstract
	JP-04104945	04-07-1992	Nitsukatoo Kk	Abstract
	JP-4182333	06-29-1992	Dai Ichi Kogyo Seiyaku Co Ltd	Abstract
	JP-4260645-A	09-16-1992	Nippon Kokan Kk	Abstract & translation in part
	JP-49116445-U	02-05-1973	Kanebo Ltd	Yes
	JP-49046761-Y1	12-21-1974		data sheet
	JP-54025927-A	02-27-1979	Matsushita Electric	Yes
	JP-05042192-Y2	10-25-1993		data sheet
	JP-55085756-A	06-28-1980	Kubota Ltd	Abstract
	JP-55095654-A	07-21-1980	Toyo Soda Mfg Co Ltd	Abstract
	JP-55116684	09-08-1980	Stamicarbon	data sheet
	JP-55130847-A2 (Abstract only)	10-11-1980	Tokuyama Soda Kk	n/a
	JP-56014466-A	02-12-1981	Nippon Asbestos Co Ltd	Abstract
	JP-56048413 (Abstract only)	05-01-1981	Penta Ocean Construction	n/a
	JP-56130832-U	03-04-1980	Nippon Steel Chemical Co.	Yes
	JP-56041881(JP57-156541) (Abstract only)	09-27-1982	Onoda Cement	n/a
	JP-5065760-A (Abstract only)	03-19-1993	Fujita Corp	n/a

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	49	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	JP-57017452-A2 (Abstract only)	01-29-1982	Asahi Ishiwata Kogyo Kk	n/a
	JP-57156361-A2 (Abstract only)	09-27-1982	Nippon Sheet Glass Co Ltd	n/a
	JP-57183344-A	11-11-1982	Asahi Chemical Ind	data sheet
	JP-58000351-A	01-05-1983	Nippon Asbestos Co Ltd	Abstract
	JP-58045008 (Abstract only)	03-16-1983	Yoita Seigo	n/a
	JP-58055034-A	04-01-1983	Grace W R & Co	Abstract
	JP-58059803 (Abstract only)	04-09-1983	Yoita Seigo	n/a
	JP-58110443	07-01-1983	Asahi Chemical Ind	Yes
	JP-58149939 (Abstract only)	09-06-1983	Sumitomo Bakelite Co	n/a
	JP-60105715-U (JP58-202823)	07-18-1985	Nippon Sheet Glass Co Ltd	No
	JP-59045953	03-15-1984	Asahi Chemical Ind	Abstract
	JP-59107985 (Abstract only)	06-22-1984	Nichias Corp	n/a
	JP-59217659-A	12-07-1984	Osaka Packing	Abstract
	JP-60135211-A	07-18-1985	Matsushita Electric Works Ltd	data sheet
	JP-60161381 (Abstract only)	08-23-1985	Kubota Ltd	n/a
	JP-60191074 (Abstract only)	09-28-1985	Matsushita Electric Works Ltd	n/a
	JP-6023889-A	02-01-1994	Nichias Corp	Abstract
	JP-60242242-A	12-02-1985	Funaki Shoji Kk	data sheet
	JP-61019900-A	01-28-1986	Ig Gijutsu Kenkyusho Kk	Abstract
	JP-61141656-A	06-28-1986	Nichias Corp	data sheet
	JP-61178462-A2 (Abstract only)	08-11-1986	Denki Kagaku Kogyo Kk	n/a
	JP-61068967-A2	04-09-1986	Matsushita Electric Works Ltd	data sheet
	JP-62036055-A2 (Abstract only)	02-17-1987	Sanyo Chemical Ind Ltd	n/a
	JP-62036056-A	02-17-1987	Sanyo Chemical Ind Ltd	data sheet
	JP-62207751 (Abstract only)	09-12-1987	Denki Kagaku Kogyo Kk	n/a
	JP-62235274-A	10-15-1987	Nichias Corp	data sheet
	JP-6271371 (Abstract only)	09-27-1994	Nichias Corp	n/a
	JP-6-28563-Y2	08-03-1994		No
	JP-63008248-A	01-14-1988	Shikoku Elec Power	Abstract
	JP-63117939 (Abstract only)	05-21-1988	Kajima Corp	n/a

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	50	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	JP-6319636-U	02-09-1988	Matsushita Electric Ind Co Ltd	data sheet	
	JP-63248751-A (Abstract only)	10-17-1988	Onoda Cement Co Ltd	n/a	
	JP-63257631-A (Abstract only)	10-25-1988	Sekisui Chemical Co Ltd	n/a	
	JP-6330381 (Abstract only)	02-09-1988	Matsushita Electric Works	n/a	
	JP-63-31426-B2	06-23-1988	Tokico Ltd	No	
	JP-63-47229-Y2	12-06-1988	Hitachi Ltd et al.	No	
	JP-64020910 (Abstract only)	01-24-1989	Seco Tools AB	n/a	
	JP-64022385 (Abstract only)	01-25-1989	Showa Denko KK	n/a	
	JP-64-25200 (Abstract only)	08-1990	Hitachi Ltd	n/a	
	JP-64-29843-A	01-31-1989		No	
	JP-64-37478-A	02-08-1989		No	
	JP-64-50541-U	03-29-1989		No	
	JP-7291701-A	11-07-1995	Ngk Insulators Ltd	Abstract	
	JP-7291707-A (Abstract only)	11-07-1995	Kubota Kk	n/a	
	JP-50095319 (JP7595319)	07-29-1975	Nippon Asbestos Co Ltd	Yes	
	JP-8040758-A	02-13-1996	Asahi Glass Co Ltd	Yes	
	JP-8067541-A	03-12-1996	Kubota Kk	Yes	
	JP-88-052740 (Abstract only)	01-14-1988	Shikoku Denryoku KK	n/a	
	JP-9124327 (Abstract only)	05-13-1997	Asahi Glass Co Ltd	n/a	
	JP-9201561-A (Abstract only)	08-05-1997	Kubota KK	n/a	
	JP-92052746 (Abstract only)	12-26-1991	Shikoku Sogo Kenkyusho K	n/a	
	JP-92054171 (Abstract only)	01-07-1992	Shikoku Sogo Kenkyu	n/a	
	JP-9217659-A	08-19-1997	Denso Corp	Abstract	
	JP-9227200-A2	09-02-1997	Nichiha Kk	Abstract	
	KR-9508587 (Abstract only)	08-03-1995	Ssangyong Cement Industrial Co. Ltd	n/a	
	KR-100231910-B1	09-01-1999	Kim Choong-Yeup	data sheet	
	KR-100274218-B1	12-15-2000	Bokwang Color Rock System Co.	Abstract	
	KR-1019950008587-B1 (Abstract only)	08-03-1995	Ssang Yong Cement Ind.Co.	n/a	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	51	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	KR-1019967005677		11-08-1996		No
	KR-920008773-B (Abstract only)		10-09-1992	Park Sung-Bom	n/a
	KR-2000014685 (Abstract only)		03-15-2000	Hyundai Construction Co., Ltd.	n/a
	KR-2001053808 (Abstract only)		07-02-2001	Hanil Cement Co., Ltd.	n/a
	KR-200158855-Y1		10-15-1999	T E C Co. Ltd.	data sheet
	KR-200172372-Y1		03-15-2000	Park Suk AM	data sheet
	MX-9604516 (Abstract only)		12-31-1997	James Hardie Res Pty Ltd	n/a
	MY-107883-A		06-29-1996	Manville Corp	Yes
	NO-9901129 (Abstract only)		09-11-2000	Elkem As	n/a
	NZ-19354-a		09-11-1984	Allied Resource Management Pty Ltd	n/a
	NZ-20119		10-18-1985	Skyline Buildings Limited	n/a
	NZ-20120		10-18-1985	Skyline Buildings Limited	n/a
	NZ-20844		11-11-1986	Suckling et al.	n/a
	NZ-210395		11-30-1984	Allied Resource Management	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	52	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	NZ-211265	02-28-1985	Capper Bruce et al.	n/a
	NZ-218315	02-28-1987	Hardman	n/a
	NZ-21875	04-19-1988	Boyd	n/a
	NZ-221389	12-23-1991	Dow Chemical Co	n/a
	NZ-22705	07-17-1989	Walker	n/a
	NZ-230209	12-23-1993	Masonite Corp	n/a
	NZ-240533	07-26-1996	Howe Ian Thomas	n/a
	NZ-242960	12-19-1997	Usg Interiors Inc	n/a
	NZ-247463	12-23-1993	Masonite Corp	n/a
	NZ-248942	11-24-1997	Moore Gavin Ross	n/a
	NZ-25267	06-18-1993	Howe	n/a
	NZ-25838	04-11-1994	Englefield Industries Limited	n/a
	NZ-259493	10-24-1997	R A R Consultants Ltd	n/a
	NZ-26065	07-27-1994	Billington	n/a
	NZ-26066	07-27-1994	Billington	n/a
	NZ-270310	12-20-1996	Usg Interiors Inc	n/a
	NZ-280235	09-22-1997	Quiskamp Guenter	n/a
	NZ-280409	06-24-1997	Farland William Richard Milbur	n/a
	NZ-306382	02-26-1998	Howe Ian Thomas	n/a
	NZ-314544	06-26-1998	R.A.R. Consultants Ltd.	n/a
	NZ-331336	04-27-2001	Fletcher Challenge Ltd	n/a
	NZ-331553	01-28-2000	Royal Building Syst Canada	n/a
	NZ-334899	04-28-2000	James Hardie Res Pty Ltd	n/a
	NZ-334918	08-25-2000	William Laurence Mckenzie	n/a
	NZ-335529	12-22-2000	Dickory Rudduck	n/a
	NZ-336159	03-27-2000	Colchester Holdings Pty Ltd	n/a
	NZ-400643	04-07-2000	James Hardie Research Pty Limited	n/a
	NZ-500215	06-29-2001	James Hardie Res Pty	n/a
	NZ-502004	08-28-2002	James Hardie New Zealand Ltd	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	53	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	NZ-502017	01-26-2001	James Hardie Res Pty Ltd	n/a	
	NZ-504881	03-28-2003	Trend Windows & Doors Pty Ltd	n/a	
	NZ-505799	02-28-2003	Peter Wilmot Seton	n/a	
	NZ-507846	04-26-2002	Guenter Quiskamp	n/a	
	NZ-508055	12-22-2000	Peter Ricciotti	n/a	
	NZ-512028	07-25-2003	Specialties Const	n/a	
	NZ-516912	07-25-2003	Vanderwerf et al.	n/a	
	NZ-517658	11-28-2003	Csr Ltd	n/a	
	NZ-518988	10-31-2003	Herculete Technologies Llp	n/a	
	NZ-520286	05-28-2004	James Hardie Res Pty Ltd	n/a	
	NZ-521491	06-25-2004	James Hardie Res Pty Ltd	n/a	
	NZ-524520	09-26-2003	Antonio et al.	n/a	
	NZ-525328	02-25-2005	James Hardie Int Finance Bv	n/a	
	NZ-525507	09-24-2004	Hiltive Pty Ltd	n/a	
	NZ-528304	04-29-2005	James Hardie Int Finance Bv	n/a	
	NZ-530605	06-24-2005	Csr Ltd	n/a	
	NZ-532182	12-23-2005	Burak Dincel	n/a	
	NZ-536129	02-24-2006	Graeme Bruce Webster	n/a	
	PL-106840 U1	01-18-1999	Northpol S.P.	Yes	
	PL-154782-B1	09-30-1991	Osrodek Badawczo Rozwo	data sheet	
	PL-170678-B1	01-31-1997	Fibrasa Holding SA	data sheet	
	PL-190446-B1	09-13-1999	Politechnika Bialostocka	Abstract	
	PL-190627-B1	12-30-2005	John Fellert	Abstract	
	PL-339671-A1	01-02-2001	Klys Sylwester	Abstract	
	RU-2039019-C1	07-09-1995	NI Lab Bazaltovykh Volokon IM	Abstract	
	RU-2161695-C2 (Abstract only)	01-10-2001	Pred Kuban Gazprom	n/a	
	RU-2167485-C2	05-20-2001	Novopashin Igor Vital Evich et al.	Abstract	
	RU-2168485-C1 (Abstract only)	06-10-2001	Belov Vladimir Vladimirovich et al.	n/a	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	54	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	RU-2243189-C1 (Abstract only)	12-27-2004	Vladimirova	n/a
	SE-9604599-2-L	06-17-1998	John Fellert	Abstract
	CH-684285-A5	08-15-1994	Bostitch Ag	Abstract
	CH-368918-A	04-30-1963	Ickler Oskar H	Yes
	CH-606674-A5	11-15-1978	Leitl Werke Bauhuette	corresponding US4058944
	CH-678882 A5	11-15-1991	Eternit Ag	Abstract
	SG-92906122	10-23-1992	International Dome Systems	Yes
	SG-93908341	09-17-1993	Panelbrick Industries Pty Limited	Yes
	SG-95012084	01-07-1994	R.A.R. Consultants Ltd	Yes
	SG-96026257	04-29-1994	Valinge Aluminum AB	Yes
	SG-96120035	04-24-1995	Royal Building Systems Limited	Yes
	SG-97018402	05-30-1997	Matsushita Electric Works, Ltd.	Yes
	SG-97059547	05-08-1996	Newtec Concrete Construction Pty Limited	Yes
	SG-97920847	11-02-1990	Tac-Fast Systems S.A.	Yes
	SG-97912869	04-08-1993	Michael Steven Andrew Balla-Gollard	Yes
	SG-98012917	06-07-1997	Unilin Beheer B.V.	Yes
	SG-98021017	09-07-1996	O-Stable Panel PTE Ltd	Yes
	SG-98021751	09-04-1996	Clear Family Limited Partnership	Yes
	SG-98051485	02-28-1997	Royal Building Systems Limited	Yes
	SG-99017030	10-15-1997	James Hardie International Finance B.V.	Yes
	SU-1114646 (Abstract only)	09-23-1984	Marijskij Polt I	n/a
	SU-1571024 (Abstract only)	06-15-1990	Khersonsk Selskokhoz I	n/a
	SU-1650196 (Abstract only)	05-23-1991	Korenevskii	n/a
	SU-1668346	08-07-1991	Khabarovsk Polt Inst	Abstract

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	55	of	71	Attorney Docket Number	131279.1050
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No

	SU-1724613	04-07-1992	UK NI	data sheet
	SU-240472 (Abstract only)	03-21-1969	P. Myznikova	n/a
	SU-411054	01-15-1974		No
	SU-587123 (Abstract only)	01-05-1978	Ki Inzh Str Inst	n/a
	SU-607813 (Abstract only)	05-25-1978	Gvnii Str Materialov K	n/a
	SU-655678 (Abstract only)	04-08-1979	Belgorodskij Ti Str Material	n/a
	TW-150027	02-27-2001		No
	TW-255851 (Abstract only)	06-01-2006	Chung Shan Inst of Science	n/a
	TW-278536	06-11-1996	Seiko Epson Corp (JP)	Yes
	TW-278537	06-11-1996		Yes
	TW-282800	08-01-1996		Yes
	TW-408089 (Abstract only)	10-11-2000	Shen, De-Shian et al	n/a
	RU-1606633-A1	11-15-1990	B.A. Vershinin et al.	Yes
	WO-8100422	02-19-1981	Holbeck	n/a
	WO-8102758	10-01-1981	Saetila H et al.	n/a
	WO-8203386	10-14-1982	Atlantic Richfield Co	n/a
	WO-8301947	06-09-1983	US Army	n/a
	WO-8404765	12-06-1984	Holbek Kjeld Aps	n/a
	WO-8500361	01-31-1985	Fehlmann Zug Ag	Abstract
	WO-8502394	06-06-1985	Atlantic Richfield Co	n/a
	WO-8503966	09-12-1985	Debuyst Jean et al.	Abstract
	WO-8600291	01-16-1986	Sandoz Ag	n/a
	WO-8700827	02-12-1987	Potters Industries Inc	n/a
	WO-9002102	03-08-1990	Potters Industries, Inc.	n/a
	WO-9008240	07-26-1990	Kurmann Bruno	Abstract
	WO-9101409	02-07-1991	Univ Washington	n/a
	WO-9111321	08-08-1991	Teare John W	n/a
	WO-9114057	09-19-1991	Gns Uk Ltd	n/a
	WO-9200251	01-09-1992	Univ California	n/a
	WO-9210440	06-25-1992	Huels Troisdorf et al.	Abstract
	WO-9217657	10-15-1992	Lindal Walter	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	56	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	WO-9306316	04-01-1993	Emblin Alan Gayne et al.	n/a
	WO-9312303	06-24-1993	Hardie & Co Pty Ltd J	n/a
	WO-9321126 (Abstract only)	10-28-1993	Willich Daemmstoffe & Isoliers et al.	n/a
	WO-9324711	12-09-1993	Four Corners Group Inc et al.	n/a
	WO-9419561	09-01-1994	Beltrami Pietro Antonio	n/a
	WO-9507177	03-16-1995	PQ Corporation	n/a
	WO-9520066	07-27-1995	Rayonier Inc	n/a
	WO-9526450	10-05-1995	Hardie & Co Pty Ltd J et al.	n/a
	WO-9607538	03-14-1996	Thermacell Tech Inc	n/a
	WO-9614482	05-17-1996	Etex Sa et al.	n/a
	WO-9617996	06-13-1996	Ahlstroem Oy et al.	n/a
	WO-9640598	12-19-1996	Nutrasweet Co	n/a
	WO-9707968	03-06-1997	Certain Teed Corp	n/a
	WO-9708111	03-06-1997	Hardie James Res Pty Ltd	n/a
	WO-9708401	03-06-1997	Certain Teed Corp	n/a
	WO-9721640	06-19-1997	New Jersey Tech Inst	n/a
	WO-9723696	07-03-1997	James Hardie Res Pty Ltd et al.	n/a
	WO-9725389	07-17-1997	Avery Dennison Corp	n/a
	WO-9727152	07-31-1997	Nutrasweet Co	n/a
	WO-9728342	08-07-1997	Wilson Bryan Alexander	n/a
	WO-9731153	08-28-1997	Quaker Chem Corp	n/a
	WO-9803284	01-29-1998	Kemen Recupac Sa et al.	Abstract
	WO-9810151	03-12-1998	James Hardie Res Pty Ltd et al.	n/a
	WO-9812149	03-26-1998	Eka Chemicals Ab et al.	n/a
	WO-9816697	04-23-1998	James Hardie Res. Pty Ltd	n/a
	WO-9818855	05-07-1998	Blue River International L L C et al.	n/a
	WO-9827027	06-25-1998	Fellert John	n/a
	WO-9829353	07-09-1998	Iberia Ashland Chem Sa et al.	Abstract

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	57	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	WO-9832713	07-30-1998	Koch Marmorit Gmbh et al.	Abstract
	WO-9845222	10-15-1998	James Hardie Res Pty Ltd	n/a
	WO-9964692	12-16-1999	Treister Kenneth et al	n/a
	WO-9908885	02-25-1999	Clowes Dean James	n/a
	WO-9910607	03-04-1999	Leblang Dennis	n/a
	WO-9913185	03-18-1999	Certain Teed Corp	n/a
	WO-9922095	05-06-1999	Carter Holt Harvey Ltd et al.	n/a
	WO-9931158	06-24-1999	Bayer Ag et al.	Abstract
	WO-9935330	07-15-1999	Georgia Pacific Corp	n/a
	WO-9943904	09-02-1999	Lafarge Canada Inc	n/a
	WO-0000449	01-06-2000	Yip Loun Cheong	n/a
	WO-0008271	02-17-2000	Bacchielli Paolo	n/a
	WO-0014354	03-16-2000	James Hardie Res Pty Ltd et al.	n/a
	WO-0021901	04-20-2000	Hardie James Res Pty Ltd et al.	n/a
	WO-0048960	08-24-2000	Mineral Resource Technologies et al.	n/a
	WO-0055446	09-21-2000	Certain Teed Corp	n/a
	WO-0063506	10-26-2000	James Hardie Res Pty Ltd et al.	n/a
	WO-0065166	11-02-2000	So Kwang Min	n/a
	WO-0071336	11-30-2000	Penn State Res Found et al.	n/a
	WO-2001051427 (Abstract only)	07-19-2001	Babka	n/a
	WO-0116048	03-08-2001	James Hardie Res Pty Ltd et al.	n/a
	WO-0124988	04-12-2001	Advanced Photonics	Abstract
	WO-0125561	04-12-2001	Cons Minerals Inc et al.	n/a
	WO-0125562	04-12-2001	Cons Minerals Inc et al.	n/a
	WO-0126894	04-19-2001	James Hardie Res Pty Ltd et al.	n/a
	WO-0130927	05-03-2001	Buildtech Ltd et al.	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/551,873
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
(Use as many sheets as necessary)				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	58	of	71	Attorney Docket Number	131279.1050

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

	WO-0136191	05-25-2001	James Hardie Res Pty Ltd et al.	n/a
	WO-0143931	06-21-2001	James Hardie Res Pty Ltd	n/a
	WO-0149952	07-12-2001	Bpb Pcl et al.	n/a
	WO-0159228	08-16-2001	Vetenskapsstaden et al.	n/a
	WO-0165021	09-07-2001	James Hardie Res Pty Ltd et al.	n/a
	WO-0166485	09-13-2001	Buysse Rene Francois	n/a
	WO-0172863	10-04-2001	Apache Prod Co et al.	n/av
	WO-0173239	10-04-2001	Martella Vincent et al.	n/a
	WO-0181666	11-01-2001	Weyerhaeuser Co et al.	n/a
	WO-0212623	02-14-2002	Akzo Nobel N.V.	n/a
	WO-0218486	03-07-2002	CP Kelco U.S., INC.	n/a
	WO-0226897	04-04-2002	Advanced Photonics	Abstract
	WO-0202481	01-10-2002	Crowley Graham Michael	n/a
	WO-02055806	07-18-2002	Andersen Corp et al.	n/a
	WO-02070145	09-12-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02070218-A1	09-12-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02070247	09-12-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02070421	09-12-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02081842	10-17-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02081839	10-17-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02081840	10-17-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-02081841	10-17-2002	James Hardie Res Pty Ltd et al.	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	59	of	71	Attorney Docket Number	131279.1050

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

	WO-02096824	12-05-2002	Gojo, Naankize Vennootschap	n/a
	WO-0227109	04-04-2002	Hiltive Pty Ltd et al.	n/a
	WO-0228795	04-11-2002	James Hardie Res Pty Ltd	n/a
	WO-0228796	04-11-2002	James Hardie Res Pty Ltd	n/a
	WO-0231287	04-18-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-0232830	04-25-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-0233164	04-25-2002	James Hardie Res Pty Ltd et al.	n/a
	WO-0238518	05-16-2002	Satana Onur Alp	n/a
	WO-0239039	05-16-2002	Adphos Advanced Photonics	Abstract
	WO-03106365	12-24-2003	Basf Ag et al.	Abstract
	WO-0374193	09-12-2003	Advanced Photonics	Abstract
	WO-2004011391	02-05-2004	Cooeee Biosciences Ltd et al.	n/a
	WO-2004018090-A1	03-04-2004	James Hardie Res Pty Ltd et al.	n/a
	WO-2004031093	04-15-2004	James Hardie Int Finance Bv et al.	n/a
	WO-2004033388	04-22-2004	Hrd Corp	n/a
	WO-2004063113	07-29-2004	James Hardie Res Pty Ltd et al.	n/a
	WO-2004087412	10-14-2004	James Hardie International Finance	n/a
	WO-2004101137-A1	11-25-2004	James Hardie Internat Finance et al.	n/a
	WO-2005003478	01-13-2005	James Hardie Int Finance Bv et al.	n/a
	WO-2005019550	03-03-2005	Incoribe S L et al.	Abstract
	WO-2005035900	04-21-2005	Moon Su-chang	n/a
	WO-2005068741	07-28-2005	Jetstone Building Systems Pty et al.	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	60	of	71		
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	WO-2005078210		08-25-2005	Hiltive Pty Ltd et al.	n/a
	WO-2005083191		09-09-2005	James Hardie International Finance B.V.	n/a
	WO-2006039762		04-20-2006	James Hardie Int Finance Bv et al.	n/a
	WO-2006056644		06-01-2006	Tikkurila Cps Oy et al.	n/a
	WO-2006086842		08-24-2006	James Hardie Int Finance Bv et al.	n/a
	WO-2006091929		08-31-2006	James Hardie Int Finance Bv et al.	n/a
	WO-2006113379		10-26-2006	Owens Corning Fiberglass Corp et al.	n/a
	WO-2007005041		01-11-2007	Piazza Mathew	n/a
	WO-2007009935		01-25-2007	Dow Corning et al.	n/a
	WO-2007067774		06-14-2007	James Hardie Int Finance Bv et al.	n/a
	WO-2007115379		10-18-2007	James Hardie Int Finance Bv et al.	n/a
	WO-2008066746		06-05-2008	Dow Corning et al.	n/a
	WO-2008100777		08-21-2008	United States Gypsum Co et al.	n/a

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	61	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	World Minerals Corporation, "Celite Products", <a href="http://www.worldminerals.com/celite.html">http://www.worldminerals.com/celite.html</a> ; 2006, 1 pg.
	Submission in opposition proceeding of EP 1330571 entitled "Effect of the Extraction Temperature upon the COD value of a Cellulose Pulp," dated August 1, 2008, 1 pg.
	"Forming Handsheets For Physical Tests of Pulp," TAPI, T 205 sp-95, 1995, pp. 5-7.
	"Glass" Coming Glass Works - reprinted version of the Encyclopedia of Chemical Technology (Vol. 10) 2nd ed. (1955), pgs. 542-543
	"Hardi-Plank and Surface Mold" article located at internet <a href="http://www.nefsi.org/wwwboard/messages/439.html">http://www.nefsi.org/wwwboard/messages/439.html</a> (6/13/2003) 2 pgs
	"Moisture in Pulp, Paper and Paperboard," TAPPI, T 412 om-94, pp. 1-3; 1994
	"Pre-extraction of hemicelluloses and subsequent kraft pulping Part I: alkaline extraction," TAPPI Journal(June 2008) 6 pgs
	3M COMPANY, "3M Material Safety Data Sheet 3M Glass Bubbles, Types K and S," (4/10/2006) 7 pgs.
	ABO-EL-ENEIN et al "Autoclaved Calcium Silicate Hydrates, I - Rates of Formation and Molar Composition," II Cemento, March 1990; pp 147-160
	AITKEN, A. & Taylor, H.F.W., "Hydrothermal Reactions in Lime-Quartz Pastes" J. Appl. Chem., 10 (1960); pp 7-15
	AMARAL, S.T., et al. "Passivation of Pure Iron in Alkaline Solution Containing Silicate and Sulphate," Corrosion Science, V.41., 1999, 747-758
	AMBRIOSE J. et al; "Metakaoline Blended Cements: An Efficient Way to Improve GRC Durability and Ductility," Int. Congress GRC/87, 6th Biennial Congress of the GRCA, Oct. 20-23, 1987, Edinburgh, Scotland, pp 19-24.
	AMERON COATINGS, Amercoat 288 Flexible Water-Borne Acrylic Membrane, August 1999, 2 pgs.
	ARAI, Y. et al. "Crystal Shape and Size Controls of Xonotlite," Gypsum and Lime, No. 248, 1994, pp 17-25
	ARDEX, "Sheltercoat Façade, Shelter Waterproofing Membranes," March 10, 2002, 1 pg.
	ASBRIDGE et al. "Effects of Metakaolin, Water/Binder Ratio and Interfacial Transition Zones on the Microhardness of Cement Mortars" Cement and Concrete Research 32 (2002) pp 1365-1369
	ASSARSSON, G.O., "Hydrothermal Reactions Between Calcium Hydroxide and Muscovite and Feldspar at 120-220 oC," J. Phys. Chem., 64 (1960) pp 626-632
	BADOGIANNIS et al. "Metakaolin as a Main Cement Constituent. Exploitation of Poor Greek Kaolins" Cement & Concrete Composites 27 (2005) pp 197-203

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/551,873	
			Filing or 371(c) Date	9/30/2005	
			First Named Inventor	Joseph E. Zarb	
			Art Unit	1794	
			Examiner Name	Robinson, Lauren E.	
Sheet	62	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BENITEZ et al. "Optimization Technique For Sewage Sludge Conditioning With Polymer and Skeleton Builders," Water Research (1994), 28(10), 2067-73
	BERRY, Craig, "Determination of the Influence of Pulp Chemical Oxygen Demand on the Flexural Strength of Cured Fibercement" (11 pgs), submitted in opposition proceeding of EP1330571, Aug. 1, 2008
	BESSEY, G.E. "Hydrated Calcium Silicate Products Other Than Hydraulic Cements" - The Chemistry of Cements, edited by H.F.W. Taylor, Academic Press, Vol. 2, 1964, pp101-133
	BGC Fibre Cement "Ceramic Tile Floor Underlay" April 2002; pp 1-7
	BLANKENBURG et al, "Quality and Possible Use of Brown Coal Fly Ash of East Germany" Frieberger Forschungshefter C (1986), C 413, p. 102-14
	BODDY et al. "Long-Term Testing of the Chloride-Penetration Resistance of Concrete Containing High-Reactivity Metakaolin" Cement and Concrete Research 31 (2001) pgs. 759-765
	Celite Material Safety Data Sheet - revised date 7/10/1992
	CHAN, C.F. et al. "Formation of 11 A Tobermorite from Mixtures of Lime and Colloidal Silica with Quartz" Cem. Concr. Res., 8 (1978) pp 135-138
	Chapter 5, Asbestos Cement Products, In "Asbestos and Certain Asbestos Products: A Report on the Supply of Asbestos and Certain Asbestos Products, Competition Commission, Southampton Row, London, 1970-1975, pp 25-40
	CHEM MASTERS, "Polymer Coatings & Toppings - System Selection Guide" (www.ChemMasters.net), October 15, 2008
	Chemical Abstract, Vol. 90, No. 16, American Chemical Society, Columbus, US, April 16, 1979
	Chemical Abstracts "Lightweight cement moldings." American Chemical Society, Columbus, US, vol. 104:114971, XP000183799, ISSN: 0009-2258, 7 April 1986,
	Babachev et al, "Plasticizing effect of aliphatic amines on cements", Build Sci Inst. Sofia Bulgaria; Epitoanyag Chemical Abstracts on STN 24(11), 430-5 (1972)
	Chemical Abstracts, No. 54763d, Vol. 117, No.6; American Chemical Society, Columbus, US; Aug. 10, 1992
	Chemical Abstracts, Vol. 86, No. 18,; American Chemical Society, Columbus, US, 2nd May 1977; pg. 303
	Chemical Abstracts, No. 51915a, XP 000186251, "Building Materials with Improved Black Mold Resistance," Vol. 94, No. 8, Columbus, Ohio; February 23, 1981
	Chemical Abstracts, Vol. 95, No. 16; American Chemical Society, Columbus, US, Oct. 19, 1981, pg. 288

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	63	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Chemical Abstracts, Vol. 95, No. 2; American Chemical Society, Columbus, US, 13th July 1981, pg. 282
	Chemical Abstracts, Vol. 98, No. 22; American Chemical Society, Columbus, US; 30th May 1983, pg. 312
	Chilean patent application No. 170-97 dated 5 December 1997
	Chilean patent application No. 2673-97 dated 30 January 1997
	COLLIER et al. "Encapsulation of Iron Hydroxide Flocculant in Composite Cement" Immobilisation Science Lab., Dept of Engineering Materials, 2004, (4 pgs)
	Office action for USPA 10/753,089 (2004/0168615) mailed 1/16/2008
	Information Disclosure Statement for USPA 10/753,089 (2004/0168615) filed 9/28/07 and 10/29/07
	Amendment for USPA 10/753,089 (2004/0168615) filed 10/31/2007
	COURARD et al. "Durability of Mortars Modified with Metakaolin" Cement and Concrete Research 33 (2003) pgs. 1473-1479
	COUTTS, R.S.P., "From forest to factory to fabrication," in Fibre Reinforced Cement and Concrete, ed. R.N. Swamy, E & FN SPON, London, 1992, pages 31 to 47
	CRC Handbook of Chemistry & Physics, 62nd ed., p. F-124 (1981-1982)
	CRENNAN et al. "Autoclaved Lime-Quartz Materials," Cement and Concrete Research, Vol. 7, 1977, pp 493-502
	CSR RendaLine - External Wall Cladding System - Brochure, January 2002, pgs 1-36.
	Derwent No. XP002335289, Database WPI Section Ch, Week 198610 Derwent Publications Ltd., London, GB; Class C03, AN 1986
	Derwent No. XP002159268, Database WPI, Section Ch, Week, 23, Derwent Publications Ltd., London, GB, 1977
	Derwent No. XP002159269, Database WPI, Section Ch, Week, 23, Derwent Publications Ltd., London, GB, 1977
	De SILVA P.S. et al. "Hydration of Cements Based on Metakaolin: Thermochemistry" Adv. In Cem. Res. Vol. 3, No. 12, (October 1990), pp 167-177.
	Declaration by Bill Adams and accompanying documents, Weyerhaeuser, dated prior to 10/17/1999
	DEPARTMENT OF BUILDING AND HOUSING, "Compliance Document for NZ Bldg Code Clause E2," 2005
	Digital Fire Corporation "Do You Need to Know About Eutectics to Make a Good Glaze?" (4 pgs) website article located at

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	64	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	<a href="http://www.digitalfire.ab.ca/cermat/education/119.php?PHPSESSID=1e2d7f3f3a24698394ecaae57ed3b06d5">http://www.digitalfire.ab.ca/cermat/education/119.php?PHPSESSID=1e2d7f3f3a24698394ecaae57ed3b06d5</a> , dated 7/14/2003
	Documents submitted by REDCO in opposition proceeding of EP1330571 dated Aug. 1, 2008
	DROGOWSKA, M. et al. "Influence of Anions on the Passivity Behavior of Copper in Alkaline Solutions," Surface and Coatings Technology, 1988, 383-400, V. 34.
	DROZHZHIN et al., "Technical Monitoring of Microspheres from Fly Ashes of Electric Power Stations in the Russian Federation" (2005) 8 pgs
	DUXSON, et al. "The Thermal Evolution of Metakaolin Geopolymers: Part 2 - Phase Stability and Structural Development" Journal of Non-Crystalline Solids 353 (2007), p. 2186-2200
	EKMAN et al., "Studies on the Behavior of Extractives in Mechanical Pulp Suspensions," The Institute of Paper Science and Technology; June 1990
	ENERGY SEAL "Elastomeric Wall Coatings" located at <a href="http://www.energy-seal.com/es-home.nsf/products/everlast">http://www.energy-seal.com/es-home.nsf/products/everlast</a> , Aug. 14, 2004
	EPS Plaster Cladding Systems, Technical and Installation Manual, Rockcote Architectural Coatings (NZ) Limited, March 2003
	Examination Report for EP 00980518.5 dated 1/5/2005
	Extended European Search Report for EP. 07008392.8, dated Oct. 8, 2007, 9 pp
	Extract from Webster's Third New International Dictionary of the English Language unabridged, ed Merriam-Webster Inc., Springfield, 1986
	FINNISH FOREST INDUSTRIES FEDERAL, "Mechanical Pulp Production" located at <a href="http://english.forestindustries.fi/products/pulp/mechanical.html">http://english.forestindustries.fi/products/pulp/mechanical.html</a> , dated 11/10/2004 (2 pgs)
	FORCE 10 Caribbean "Custom Features" Engineered Building Systems (1999) 5 pgs
	FORTES-REVILLA et al. "Modelling of Slaked Lime-Metakaolin Mortar Engineering Characteristics in Terms of Process Variables" Cement & Concrete Composites 28 (458-467) 2006
	GEHM, H.W., "New & Basic Research Approaches to Liquid Effluent Treatment" Paper Trade Journal 142 (No. 16), 40-4, (1958) 46
	GUBKA "Composition and Morphology of Cenospheres" located at: <a href="http://www.atom.nw.ru/rie/projects/gubka/properties/cenospheres.shtml">http://www.atom.nw.ru/rie/projects/gubka/properties/cenospheres.shtml</a> , 7/11/2006, 2 pgs.
	Gypsum Association Manual, 14th Edition 1994, p. 33-34
	HARDIHOME Lap Siding with the Embossed EZ Line Alignment Aid, March 2000
	HARPER, S., et al. "Resin Extraction and Effects on Pulp Quality," Proceedings of the 54th Appita

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	10/551,873
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Filing or 371(c) Date	9/30/2005
		First Named Inventor	Joseph E. Zarb
		Art Unit	1794
		Examiner Name	Robinson, Lauren E.
		Attorney Docket Number	131279.1050
Sheet	65	of	71

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Annual Conference, Melbourne, Apr. 3-6, 2000, pp. 575-580
	Hawley's Condensed Chemical Dictionary, Fourteenth Edition, Revised by Richard J. Lewis, Sr., published by John Wiley & Sons, Inc. 2002, pp. 447, 624, 903-904
	Hawley's Condensed Chemical Dictionary, definition of "dispersing agent," Richard Lewis Sr., Twelfth Edition, Van Nostrand Reinhold, 1993, page 435
	HOAR, T.P., "The Production and breakdown of the passivity of metals," Corrosion Science, Vol. 7, 1967, pp. 341-355
	International Preliminary Examination Report for PCT/US00/31729 dated Feb. 21, 2002
	International Preliminary Examination Report for PCT/US01/01908 dated April 6, 2002
	International Preliminary Examination Report for PCT/US02/10608 dated February 14, 2003
	International Preliminary Examination Report for PCT/US02/10609 dated 4/22/2003
	International Preliminary Examination Report for PCT/US02/10760 dated February 3, 2003
	International Preliminary Examination Report for PCT/US04/19980 dated July 27, 2005
	International Preliminary Examination Report for PCT/US02/10610 dated February 7, 2003
	International Preliminary Examination Report for PCT/US00/27451 dated Dec. 7, 2001
	International Preliminary Examination Report for PCT/IB2005/050709 dated Feb. 7, 2006
	International Preliminary Report on Patentability and Written Opinion of the International Searching Authority for PCT/US2006/006799, dated Aug. 28, 2007, 11 pp
	International Preliminary Report on Patentability for PCT/US2005/007581 dated June 19, 2007
	International Search Report for PCT/US02/10609 dated August 1, 2002
	International Search Report for AU/2004/903567, dated July 26, 2004
	International Search Report for PCT/AU00/00320 dated May 31, 2000
	International Search Report for PCT/AU03/01315 dated Nov. 12, 2003
	International Search Report for PCT/AU97/00692 dated 12/3/1997
	International Search Report for PCT/IB2005/050709 dated 5/23/2005
	International Search Report for PCT/US02/10608 dated August 5, 2002
	International Search Report for PCT/US02/10610 dated August 5, 2002
	International Search Report for PCT/US02/10760 dated August 5, 2002
	International Search Report for PCT/US00/27451 dated February 2, 2001
	International Search Report for PCT/US00/31729 dated 2/21/2001

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
Sheet	66	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Search Report for PCT/US01/01908 dated 3/19/2001
	International Search Report for PCT/US02/10609 dated August 7, 2002
	International Search Report for PCT/US05/007581 dated Aug. 3, 2005
	International Search Report for PCT/US2004/019980 dated 9/15/2004
	International Search Report for PCT/US2005/000957, dated 6/16/2005
	International Search Report for PCT/US01/42243 (WO 02/028796 A2) dated 5/15/2002
	ISU et al. "Influence on quartz particle size on the chemical & mechanical properties of autoclaved aerated concrete," Cement & Concrete R., Vol. 25, 1995, p. 243
	James Hardie, "External Wall Cladding," October 1990, 2 pgs
	James Hardie, "Primeline Weatherboards," October 1996, 8 pgs
	JIANQUAN et al "Research on Water Resistant Performance of Modified Polymer Cement Composite Reinforced with Fiber," 3/2003
	JOHNSON, C.A. et al., "Leaching Behavior and Solubility - Controlling Solid Phases of Heavy Metals in Municipal Solid Waste Incinerator Ash," Waste Management, Vol. 16 (1-3), 1996, p. 129-134
	JOSHI, P.S., et al. "Passivation of Carbon Steel Alloy in De-oxygenated Alkaline pH Media," Corrosion Science, Vol. 34(8), 1993, p. 1367-1379
	JUBOCID "Special Anti-Mildew Coatings" September 2002, 4 pgs
	KENNEDY, G.C.; Econ. Geol. 45[7]:652 (1950)
	KOLAY, et al. "Physical, Chemical, Mineralogical, and Thermal Properties of Cenospheres From an Ash Lagoon" 12/29/2000, pgs. 539-542
	KONDO, R. et al., "Kinetics and Mechanism of Hydrothermal Reaction in Lime-Quartz-Water System" J. Ceram. Soc. Japan, 84 (1976) pp 573-578
	KONDO, R., Int. Symp. "Kinetic Study on Hydrothermal Reaction Between Lime and Silica" Autoclaves Calcium Silicate Building Products, London, 1965, pp 92-100
	KUDER, et al. "Extruded Fiber-Reinforced Composites for Building Enclosures" NSF Housing Research Agenda Workshop: Proceedings and Recommendations, Orlando, FL; 12-14 Feb. 2004, pp. 222-231.
	KUROKI et al., "Cement-Bonded Board Industry and Market in Japan and New Technology Developments," 1995, pp 105-112
	Letter from Sargent & Krahn reporting First Substantive Report for CL 653-2002 dated April 1, 2005
	Letter from Sargent & Krahn reporting First Substantive Report for CL 656-2002 dated April 11, 2005
	Letter from Sargent & Krahn reporting First Substantive Report for CL 655-2002 dated Jan. 31, 2005

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/551,873	
			Filing or 371(c) Date	9/30/2005	
			First Named Inventor	Joseph E. Zarb	
			Art Unit	1794	
			Examiner Name	Robinson, Lauren E.	
Sheet	67	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Letter from Saint Gobain to EPO in opposition proceeding of EP1330571 dated August 1, 2008 (3 pgs)
	LI et al. "Property Improvement of Portland Cement by Incorporating with Metakaolin and Slag" Cement and Concrete Research 33 (2003) 579-584
	LIN et al., "Improvements in the Durability of Cellulose Reinforced Cementitious Composites," Mechanisms of Chemical Degradation of Cement based systems, Proceedings of the Materials Research Society's Symposium of Mechanisms, Boston, Nov. 27-30, 1995.
	Litigation documents corresponding to Civil Case Nos. SCVSS115246, 5:04-CV-00674-RT-SGL, 04-C-1621, 05-CV-44, and A2-04-152
	LOCHER, Friedrich W. "Fundaments of Production and Application" VBT; 2000
	M.D. CAMPBELL and R.S.P. COUTTS, "Wood Fibre-Reinforced Cement Composites," in Journal of Materials Science, 15 (1980), pp. 1962-1970
	MAI et al., "Effects of Water and Bleaching on the Mechanical Properties of Cellulose Fiber Cements" Journal of Materials Science 18 (1983) pp. 2156-62.
	MAI et al., "Slow Crack Growth in Bleached Cellulose Fibre Cements" Journal of Materials Science Letters 3 (1984), p. 127-130.
	MARK, J.E., "Thermoset Elastomers" Applied Polymer Science 21st Century, (Clara D. Craver and Charles E. Carraher, Jr. ed., Elsevier) 2000, pp. 209-222
	MBT MIDDLE EAST: Datasheets, Masterseal 300H, June 2002
	MICROSPHERES S.A., "What Are Cenospheres" at <a href="http://www.microspheres.co.za/contents.htm">http://www.microspheres.co.za/contents.htm</a> , printed 7/11/2006, 5 pgs.
	Muscovite Mica and Phlogopite Mica, from READE, internet article located at <a href="http://www.reade.com/Products/Minerals_and_Ores/mica.html">http://www.reade.com/Products/Minerals_and_Ores/mica.html</a> , from 8/6/07
	NEITHALATH, Narayanan, et al "Acoustic Performance and Damping Behavior of Cellulose Cement Composites," Cement & Concrete Composites 25 (2003)
	NEW ZEALAND DEPARTMENT of Building and Housing, "Non-Flush Finished Joints," Acceptable Solution E2/AS1 (extract from the New Zealand Building Code) July 1, 2005, 1 pg.
	Notice of Opposition of CL 653-2002 (dated March 2003)
	Notice of Opposition of CL 654-2002 (dated Sept. 2003)
	Notice of Opposition of CL. 655-2002 (dated Sept. 2003)
	Notice of Opposition of CL. 656-2002 (dated Oct. 2003)
	Notification of Office Action for CN 00815911.4 dated Sept. 24, 2004

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	68	of	71		

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Notification of Office Action for CN 02811074.9 dated 02/04/05
	Notification of Office Action for CN 02811168.0 dated 3/18/05
	Notification of Office Action for CN 02811237.7 dated March 18, 2005
	NOVAKOVSKY, V.M., "Thermodynamic and Kinetic Causes of Passivity," Electrochimica Acta, Vol.10, 1965, p. 353-365
	OMURTAG, Y. et al. "Some Investigations on the Corrosion Characteristics on Fe-Si Alloys," Corrosion Science, Vol.10, 1970, 225-231
	Notice of Opposition to EP-B-1330571 filed by Redco on 12/15/06
	Notice of Opposition to EP-B-1330571 filed by St. Gobain Materiaux dated 1/19/07
	Panels: Materials and Manufacturing Process, M5 Tunnel Specification, July 24, 2001, 17 pgs.
	PAWLOWSKI et al, "Novel Raw Material For Producing Heat Insulating Materials," Silikattechni, 33(11) 1982, p. 339-340.
	PBS DISTRIBUTORS LTD trade literature for Vent-Clad cladding system, August, 2003
	PCA (Portland Cement Assoc) article: "Concrete Homes - Fiber Cement Siding" website article printed 2005, 3 pgs.
	PLASTER SYSTEMS, LTD., "Insulclad Cavity Based Exterior Plaster Cladding System Specification," Feb. 2004
	PLASTER SYSTEMS, LTD., "Insulclad Cavity Based Exterior Plaster Cladding System Specification," Oct. 2003
	POON et al. "Rate of Pozzolanic Reaction of Metakaolin in High-Performance Cement Pastes" Cement and Concrete Research 31 (2001) pgs. 1301-1306
	RAY A, et al., "Use of DTA to Determine the Effect of Mineralizers on the Cement-Quartz Hydrothermal Reactions" Thermochimica Acta 250 (1995) pp 189-195.
	SAIKIA et al. "Cementitious Properties of Metakaolin - Normal Portland Cement Mixture in the Presence of Petroleum Effluent Treatment Plant Sludge" Cement and Concrete Research 32 (2002), pgs. 1717-1724
	SAUMAN et al; "Influence Explanation of Siliceous Materials Additive to Cement As Well As of Pastes Hydration and Their Treatment Temperature on the Lime Quantity Liberated by Rehydration" II Cemento, Vol. 3, 1978, pp 343-350
	SCAN-Test Method C 45:00, "COD and TOC Removable By Washing," Scandinavian Pulp, Paper and Board Testing Committee, Revised 2000

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/551,873
				Filing or 371(c) Date	9/30/2005
				First Named Inventor	Joseph E. Zarb
				Art Unit	1794
				Examiner Name	Robinson, Lauren E.
				Attorney Docket Number	131279.1050
Sheet	69	of	71		

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	SCAN-Test Method CM 45:91, "Water-Soluble Organic Matter," Scandinavian Pulp, Paper and Board Testing Committee, 1991
	SEVCIK V., "Mixture for Refractory Purposes," Database EPODOC, the Hague, NL; abstract, XP002389199, (10-15-1997)
	Shangai Building Materials, "Self-Leveling Elastic Water-Proofing Coating," Issue 6, 2000 (5 pgs)
	SHAPIRO, A.D., et al., "Manufacture of Board Resistant to Biological Degradation," Bumazhnaya Promyshlennost 36, 12, XP-002335287 (1961)
	Silica Fume, Cement Association of Canada, located at <a href="http://www.cement.ca/cement.nsf/ep/07669ADF88663915852568A9005A7770?opendocument">http://www.cement.ca/cement.nsf/ep/07669ADF88663915852568A9005A7770?opendocument</a> (printed 8/6/07), 2 pgs.
	SINGH, R., et al. "Stabilization of Natural Faujasite Zeolite: Possible Role of Alkaline Earth Metal Ions," Microporous and Mesoporous Materials, Vol. 21, 1998, p. 103-109
	SKAGGS et al. "Applications of Rheological Modifiers and Super Plasticizers in Cementitious Systems," American Concrete Institute SP, SP-148, (1994) p. 189-207
	SOROUSIAN, Parviz "Development of Specialty Cellulose Fibers and Cementitious Matrices for Cellulose Fiber Reinforced Cement Composites" 1989
	Sphere Services Inc. "Cenospheres - Hollow Ceramic Microspheres" website article located at <a href="http://www.sphereservices.com/ceno.html">http://www.sphereservices.com/ceno.html</a> dated 5/15/2007 (2 pgs) < <a href="http://www.sphereservices.com/ceno.html">http://www.sphereservices.com/ceno.html</a> >
	STOANZ Trade literature, 2004
	STOANZ Trade literature, November, 2003
	STOLICA, N., "Pitting Corrosion on Fe-Cr and Fe-Cr-Ni Alloys," Corrosion Science, Vol.9, 1969, pp. 455-470
	STROMBERG, C.B. "Washing of Dissolved Organic Solids From Pulp" Paper Asia, Oct. 1994, pp.32-39.
	STROMBERG, C.B., "Washing For Low Bleach Chemical Consumption," in Thomas W. Joyce (ed.), Environmental Issues: A TAPPI Press Anthology of Published Papers, TAPPI Press, Atlanta, 1990 pp. 230-238.
	SUKHOTIN, A.M. et al. "The Passivity of Iron in Acid and Alkaline Solutions," Corrosion Science, Vol. 5, 1965, 393-407
	Supplemental European Search Report for EP 97943673 dated 3/27/2001
	TACK, F.M. et al., "Metal Solubility as a Function of pH in a Contaminated Dredged Sediment Affected by Oxidation," Environmental Pollution, 1996, p. 199-208, V.91.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/551,873	
			Filing or 371(c) Date	9/30/2005	
			First Named Inventor	Joseph E. Zarb	
			Art Unit	1794	
			Examiner Name	Robinson, Lauren E.	
Sheet	70	of	71	Attorney Docket Number	131279.1050

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Technical File by Louisiana-Pacific Samao, Inc. sent to Redco on May 5, 1999
	Technische Information, Disbocolor 494, Acryl-Schutz, Disbon, April 1996, 6 pp.
	Technisches Merkblatt 51.800, Betonschutz 800 seidenmatt, Jan. 1, 1988, 4 pgs.
	Technology Education, "Glass" by Encyclopedia Britannica <a href="http://www.geocities.com/tech_ed_2000/industrial/manufacturing/glass/glass.htm">http://www.geocities.com/tech_ed_2000/industrial/manufacturing/glass/glass.htm</a> dated 5/15/2007
	THAI MDF Board Co., Ltd "Beger Synotex Acrylic TM 100% Emulsion Paint" at: <a href="http://www.thaimdf.com/paint_roofpaint.htm">http://www.thaimdf.com/paint_roofpaint.htm</a> , 2003, 2 pp.
	Third Party Observation by Redco NV in EP Application No. 04700639.0 filed 8/23/2006
	Letter filed in opposition proceeding of EP1330571 dated Aug. 1, 2008
	TOURKY, A.R. et al., "Further Studies on the Effect of C-content on the Corrosion and Passivity of Fe," Corrosion Science, 1968, p. 857-870, Vol. 8.
	Decision of Opposition in relation to Taiwanese Patent Application No. 85114421 (corresponding to US Patent No. 6,510,667), issued August 3, 1998 (with Translation)
	Decision of Appeal in relation to Taiwanese Patent Application No. 85114421 (corresponding to US Patent No. 6,510,667), issued February 24, 1999 (with Translation)
	USPA 11/816,379, entitled "Flooring Sheet and Modular Flooring System;" first-named inventor: James Gleeson, filed 8/15/07
	USPA 10/070,218 entitled "Extrudable Cementitious Material;" first-named inventor: Peter Goodwin, filed 7/19/2002
	USPA 10/648,010 entitled "Synthetic Microspheres and Methods of Making Same;" first-named inventor: Datta, filed 8/25/2003 (abandoned 2005)
	USPA 10/977,344 entitled "Manufacture and Use of Engineered Carbide and Nitride Composites;" first-named inventor: Giang Biscan, filed 10/29/2004
	USPA 11/026,340 entitled "Methods and Formulations for Producing Low Density Products;" first-named inventor: Hojaji, filed 12/29/2004 (abandoned 12/2005)
	USPA 10/873,723 entitled "Durable Building Article and Method of Making Same;" filed 6/21/2004 (abandoned 5/18/2005)
	US Provisional Application No. 60/417,076 entitled: "Durable Medium Density Fibre Cement Composite;" first-named inventor: Luo, filed 10/7/2002
	U.S. Provisional Patent Application No. 60/536,172 entitled "Composite FiberCement Article with Radiation Curable Component;" first-named inventor: Lyons, filed 1/12/2004

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a heading that reads "Mandatory Reporting Requirement".																	
Substitute for form 1449/PTO																	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>																	
<table border="1"> <thead> <tr> <th colspan="2">Complete if Known</th> </tr> </thead> <tbody> <tr> <td>Application Number</td> <td>10/551,873</td> </tr> <tr> <td>Filing or 371(c) Date</td> <td>9/30/2005</td> </tr> <tr> <td>First Named Inventor</td> <td>Joseph E. Zarb</td> </tr> <tr> <td>Art Unit</td> <td>1794</td> </tr> <tr> <td>Examiner Name</td> <td>Robinson, Lauren E.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>131279.1050</td> </tr> </tbody> </table>				Complete if Known		Application Number	10/551,873	Filing or 371(c) Date	9/30/2005	First Named Inventor	Joseph E. Zarb	Art Unit	1794	Examiner Name	Robinson, Lauren E.	Attorney Docket Number	131279.1050
Complete if Known																	
Application Number	10/551,873																
Filing or 371(c) Date	9/30/2005																
First Named Inventor	Joseph E. Zarb																
Art Unit	1794																
Examiner Name	Robinson, Lauren E.																
Attorney Docket Number	131279.1050																
Sheet	71	of	71														

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.